

CATALOG
OF
OHIO UNIVERSITY
ATHENS, OHIO

1919-1920

AND

CIRCULAR OF INFORMATION

FOR

1920-1921

OHIO UNIVERSITY
LIBRARY

PUBLISHED BY THE UNIVERSITY 

1920

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University Calendar, 1919-1920

Second Semester

Monday, February 2.....Registration of Students
Tuesday, February 3.....Registration of Students
Tuesday noon, February 3.....Recitations Begin
Friday, March 26..Mid-semester Reports on Delinquent Students
Saturday, March 27Spring Vacation Begins
Monday, April 5Spring Vacation Ends
Sunday, June 13Baccalaureate Exercises
Thursday, June 17
..Commencement Day and the Close of the Second Semester

Special Spring Term

Saturday, May 1Registration of Students
Thursday, June 17Special Spring Term Ends

Summer School

Saturday, June 19Registration of Students
Monday, June 21Registration of Students
Tuesday, June 22Recitations Begin
Friday, July 30Close of Summer School

Continuation Summer School

Saturday, July 31Registration of Students
Monday, August 2Recitations Begin
Friday, September 3Close of Continuation School

University Calendar, 1920-1921

First Semester

Saturday, September 11.....Registration of Students
Monday, September 13.....Registration of Students
Tuesday noon, September 14.....Recitations Begin
Friday, November 12
.....Mid-semester Reports on Delinquent Students
Thursday, November 25Thanksgiving Holiday
Saturday, December 18Holiday Recess Begins
Monday, January 3Holiday Recess Ends
Friday, January 28First Semester Ends

Second Semester

Monday, January 31Registration of Students
Tuesday, February 1Registration of Students
Tuesday noon, February 1.....Recitations Begin
Friday, March 25..Mid-semester Reports on Delinquent Students
Saturday, March 26Spring Vacation Begins
Monday, April 4Spring Vacation Ends
Sunday, June 12Baccalaureate Exercises
Thursday, June 16
..Commencement Day and the Close of the Second Semester

Special Spring Term—six weeks

Saturday, April 30Registration of Students
Friday, June 10Special Spring Term Ends

Summer School—six weeks

Saturday, June 18.....Registration of Students
Monday, June 20.....Registration of Students
Tuesday, June 21Recitations Begin
Friday, July 29.....Close of Summer School

Continuation Summer School*

Saturday, July 30Registration of Students
Monday, August 1Recitations Begin
Friday, September 2Close of Continuation School

*May not be held in 1921. Further publication will be made, if held, there will be 6 recitations a week.

FACULTY COMMITTEES, 1920-1921*

EXECUTIVE COMMITTEE

The Deans and the Registrar

REGISTRATION, CLASSIFICATION, AND DEGREES

Wilson, Richeson, C. M. Copeland, Atkinson, and Chubb

COURSES OF STUDY

Chubb, Richeson, Mercer, Gard, and C. M. Copeland

SUMMER SCHOOL

Richeson, W. F. Copeland, Martzloff, Coultrap, and Matheny

LIBRARY

Chubb, Treudley, Chrisman, Bentley, and Hoover

ATHLETICS-GYMNASIUM

Richeson, Addicott, Mackinnon, Dunlap, and Comstock

RECOMMENDATIONS FOR EMPLOYMENT

Richeson, Chubb, Voigt, Waite, and Coultrap

ATHLETIC, LECTURE, AND ENTERTAINMENT FUND

C. M. Copeland, A. S. Thompson, Atkinson, Cooper, and Addicott

*The president of the University has membership in each committee.

OHIO UNIVERSITY
AND
THE STATE NORMAL COLLEGE

FACULTY*

ALSTON ELLIS, Ph. D., LL. D.
President

EDWIN WATTS CHUBB, A. M., Litt. D.
Dean of the College of Liberal Arts, and Professor of English Literature

JOHN J. RICHESON, Ped. D.
Dean of the State Normal College, and Professor of School Administration

DAFYDD J. EVANS, A. M., LL. D.
Professor of Latin

ALBERT A. ATKINSON, M. S.
Professor of Physics and Electrical Engineering

CHARLES M. COPELAND, B. Ped.
Director of the School of Commerce

WILLIAM FAIRFIELD MERCER, Ph. D.
Professor of Biology and Geology

WILLIAM B. BENTLEY, Ph. D.
Professor of Chemistry

OSCAR CHRISMAN, A. M., Ph. D.
Professor of Paidology and Psychology

†FREDERICK TREUDLEY, A. M.
Professor of Philosophy and Ethics

HIRAM ROY WILSON, A. M., Litt. D.
Professor of English

*Arranged in the different titles in the order of University seniority. List is as on records for February 1, 1920.

†Absent on leave.

OHIO UNIVERSITY

LEWIS JAMES ADDICOTT, B. S., C. E.
Professor of Civil Engineering

WILLIAM F. COPELAND, Ph. M., Ph. D.
Professor of Agriculture

FLETCHER S. COULTRAP, A. B., A. M.
Professor of the Art of Teaching

THOMAS N. HOOVER, M. Ped., A. M.
Professor of History

CLEMENT L. MARTZOLFF, M. Ped.
Professor of History

WILLIS L. GARD, A. M., Ph. D.
Professor of the History and Principles of Education

WILLIAM A. MATHENY, A. M., Ph. D.
Professor of Civic Biology and Botany

IRMA E. VOIGT, A. M., Ph. D.
Dean of Women and Instructor in Public Speaking

ALEXANDER S. THOMPSON, Mus. D.
Director of the School of Music

MARY T. NOSS, A. M.
Professor of French

BERT McCUNE THOMPSON, B. S. in Ed.
Professor of Physiography

WILLIAM HAWTHORNE COOPER, A. M.
Professor of Public Speaking

JOSHUA R. MORTON, M. S.
Professor of Analytical Chemistry

ROBERT LACEY BORGER, Ph. D.
Professor of Mathematics

GEORGE E. McLAUGHLIN, B. S. in Ed.
Professor in Manual Training

FRANK V. WHITEHOUSE, A. M.
Professor of Spanish

ISAAC EMERY ASH, A. M., Ph. D.
Professor of Economics and Sociology

INGRAM FORDYCE STEWART, B. S. in Ed.
Professor of Mathematics

A. E. WAGNER, A. M., Ph. D.
Professor of Secondary Education and High School Visitor

MILO JOHN KIMBALL
Professor of Advertising and Salesmanship

JOHN WILSON TAYLOR, Ph. D.
Professor of Greek

GIOVANNI TERZANO, A. M.
Professor of French and Spanish

MARIE LOUISE STAHL
Head of Drawing and Painting

MARY J. BRISON, B. S.
Head of Public-School Drawing and Handwork

CONSTANCE T. MCLEOD, A. B.
Principal of the Kindergarten School

EDNA C. ENDLY, B. S.
Director of the School of Home Economics

SAMUEL K. MARDIS, A. M., Ped. D.
Professor of Rural Education

EVAN JOHNSON JONES, A. M.
Associate Professor of History and Civics

OSCAR E. DUNLAP, M. S. in Ed.
Associate Professor of Agriculture

MARY ELLEN MOORE, A. M.
Assistant Professor of Latin

CLINTON N. MACKINNON, A. M.
Assistant Professor of English

BERNARD L. JEFFERSON, Ph. D.
Assistant Professor of English

CLARENCE HOLMES GROWDEN, B. S. in Ed.
Assistant Professor of Psychology and Paidology

FRANK B. GULLUM, B. S.
*Assistant Professor of Chemistry and Director of
Outdoor Athletics*

WILLIAM H. FENZEL, A. B.
*Assistant Professor of Accounting and Commercial
Geography*

OSCAR EARLE MCCLURE, B. S. in Ed.
Assistant Professor of Physics

HOMER V. CHERRINGTON, A. B., B. S. in Ed.
Assistant Professor of Economics and English

ALBERT W. BOETTICHER, B. S. in Ed.
Assistant Professor of Civic Biology and Botany

NELLIE H. VANVORHES
Instructor in Piano and Virgil Clavier

JOHN N. HIZEY
Instructor in Violin and Orchestra Leader

MARY ENGLE KAHLER, Ph. B., B. Ped., A. M.
Instructor in English

LORING HALL, A. M.
Instructor in Latin

CLARA D. THOMPSON
Instructor in Voice Culture

SIROUHEE A. ARPÉE, A. B.
Instructor in Advanced Piano

ELIZABETH G. GARBER
Instructor in Public School Music

DOW SIEGEL GRONES, B. S. in Ed.
Instructor in Manual Training

THOR OLSON
Isntructor in Physical Education

WAITE PHILIP FISHEL
Instructor in Chemistry

BELLE E. MERCER, A. B.
Instructor in Biology

MABLE K. BROWN, Ph. B.
Instructor in Stenography

JANE EVANS
Instructor in Kindergarten

HELEN REYNOLDS
Instructor in Typewriting

MRS. JOHN N. HIZEY, Mus. B.
Instructor in Piano

ESTELLA ALLEN, Mus. B.
Instructor in Piano and Organ

ALLEN R. KRESGE
Instructor in Piano, Organ, and Theory

IRMA WILLIAMS JEFFERSON, B. S., A. B.
Instructor in Public School Drawing

HELEN B. HOCKENBERRY, A. B.
Instructor in French

RUTH CARSON, Ph. B.
Instructor in Physical Education

BERTHA HAYES, B. S.
Instructor in Home Economics

EDITH RHYNE, B. S.
Instructor in Home Economics

FLORENCE HAWKINS
Instructor in Voice Culture and Musical History

HANNAH MARIE SWAIM
Instructor in Public School Music

HAZEL NEEDHAM JONES
Instructor in Public School Drawing

RAYMOND M. MALONE
Assistant in Biology

OHIO UNIVERSITY

CLAIR HENRY CALHOUN
Assistant in Paidology and Psychology

FRED LEROY PLUMMER
Assistant in Mechanical Drawing

CHARLES E. STANEART
Assistant in Chemistry

MATTIE M. HATCH
Assistant in English

CHARLES A. MATTHEWS, Ph. M.
Librarian

MELBA R. WHITE, A. B.
Assistant Librarian

RAYMOND CONNETT
Assistant Librarian

GRACE E. MCGRATH
Assistant Librarian

MARTIN S. MCVAY
Assistant Librarian

WILLIAM R. CABLE, B. S. in Ed.
Registrar

.....
Assistant Registrar

MAY PUTNAM HARRIS
Stenographer, Deans' Offices

IRENE L. DEVLIN
Stenographer, President's Office

JULIA L. CABLE, A. B.
Stenographer, Alumni Secretary's Office

*JOHN HANCOCK HIGH SCHOOL
(Secondary Training School)

JOSEPH HOOKER COMSTOCK, A. B., M. S. in Ed.
Principal

MARY CONNETT, Ph. B.
English

LOUISE G. WALSH, A. B., B. S. in Ed.
Mathematics

CONSTANCE G. LEETE, A. B.
French and Spanish

UNIVERSITY EXTENSION DEPARTMENT

MATTHEW J. WALSH, A. M.
ROBERT L. MORTON, B. S. in Ed.

*Instruction in Physics, Latin, Music, Drawing, Manual Training, General Science and Physical Training is given by various University instructors.

ELEMENTARY TRAINING SCHOOL

EMMA S. WAITE, B. S. in Ed.

Principal

MARGARET L. TILLEY, B. S. in Ed.

Critic Teacher, Eighth-Year Grade

CORA E. BAILEY, B. S. in Ed.

Critic Teacher, Seventh-Year Grade

STELLA M. EVERETT, B. S. in Ed.

Critic Teacher, Sixth-Year Grade

ANNA K. PRICE, B. S. in Ed., A. B.

Critic Teacher, Fifth-Year Grade

MYRTLE L. HESSE

Critic Teacher, Fourth-Year Grade

EDITH A. BUCHANAN, B. S. in Ed.

Critic Teacher, Third-Year Grade

AMY M. WEIHR, Ph. M., B. Ped.

Critic Teacher, Second-Year Grade

MARGARET M. MORRIS

Critic Teacher, First-Year Grade

OLAN E. FRI

Teacher, Rural Training School

NELLIE B. WATSON

Teacher, Rural Training School

CLARA L. BLUME

Teacher, Rural Training School

GENERAL INFORMATION

ORIGIN OF THE UNIVERSITY

The Treaty of Paris, September 3, 1783, made effective the independence of the United States. Then "a more perfect union," under the Constitution, was hastened by the cession of certain lands, claimed by individual states, to the General Government.

Virginia, which claimed large tracts of land in the western country, has led in this movement. In response to a recommendation of Congress, under date of September 6, 1780, Virginia, in 1781, yielded to the Congress of the United States for the benefit of said states all right, title, and claim which the said commonwealth had to the territory northwest of the Ohio River.

On March 1, 1786, in response to a call issued by General Rufus Putnam and others, a body of men mostly soldiers of the Revolution holding certificates of indebtedness, or army warrants, against the Government, met at the "Bunch of Grapes Tavern," in Boston, Mass., and organized the Ohio Company of Associates. These men were in financial straits and were led to look towards the lands northwest of the Ohio River for a permanent home, could they secure government lands for the army warrants held by them. General Putnam, who had been in close touch with General Washington during the war, was the acknowledged leader of the movement and was ably assisted by Manasseh Cutler, Winthrop Sargent, and Nathan Dane, the last named, at that time, representing Massachusetts in Congress.

Through the united action of these men, the Ordinance of July 13, 1787, was passed by Congress. This famed piece of legislation provided for a territorial government of the district in which settlement was to be made, prohibited slavery therein, and decreed that "schools and the means of education shall be forever encouraged."

In October, 1787, Messrs. Cutler and Sargent contracted with the Board of Treasury for the purchase of a large tract of

land in the new territory. By the terms of this contract, Lot 16 of each township was to be set apart for the support of public schools, Lot 29 was reserved for the purposes of religion, and two complete townships were to be made a perpetual endowment for a university.

Here, in brief, is set forth part of the activities that later led to the establishment of the Ohio University, at Athens.

Manasseh Cutler wrote the charter of the institution which was called, in 1802, the "American Western University," and, in 1804, the "Ohio University." Territorial legislation located the institution at Athens, and legislative provision, under the first State Constitution, confirmed and emphasized all that the territorial legislature had done in the matter.

The University owns property—lands, buildings, and equipments—conservatively valued at \$1,780,562.

When Ohio was admitted into the Union, it became a trustee into whose hands were given the obligations and duties connected with the public-school, the ministerial, and the university lands—all explicitly reserved, for specific purposes, in the contract entered into by the Ohio Company of Associates with the Board of Treasury acting in the name, and under the direction, of Congress.

An Act of Congress, passed February 1, 1826, gave to the State of Ohio a fee-simple title to Lot 16. The State of Ohio acquired like control of Lot 29 by an Act of Congress bearing date of February 20, 1833.

No act of Congress has ever given Ohio a fee-simple title to the land in the two townships explicitly reserved as a perpetual endowment for a university. Today, the State of Ohio holds these lands as a trustee, one that has voluntarily taken upon itself all the duties and obligations, legal and in equity, involved in such trusteeship. Good legal authority has expressed the opinion that, should the State of Ohio surrender its trusteeship, as assumed in the legislative act of 1804 and in subsequent acts of legislation, the title to the lands included in Athens and Alexander townships would rest in the General Government.

The Corporation known as the "President and Board of Trustees" was not created to own the University property but to act as the State's agent to carry out a well-digested and well-de-

fined purpose. There is nothing strange that the State began its control of the University in that way.

The early legislators in Ohio were familiar with that form of institutional management, for it generally prevailed a hundred years ago.

It will be seen, clearly, from the foregoing, that the Ohio Company never secured any title to the two townships of land and that after the location of these townships was fixed that company had nothing more to do with them. The location having been fixed, absolute control of the land was taken by the then existing legislative body. (See Sections 3 and 25, Article 8, Ohio Constitution of 1802.)

The Territorial Act of January 9, 1802, established "an University in the Town of Athens." This Act also named the persons who should constitute a body politic and corporate to take immediate control of the University. This "body politic and corporate" exercised authority over the institution established just as boards of trustees, in these later days, exercise authority over the state-supported institutions of learning. The Legislature has been the supreme power from the beginning. Naturally, as a law-making body, it could not well do the work of a board of trustees, as we know and recognize the work and duty of such today; and for that reason it delegated some of its powers to a body of its own creation in harmony with educational experience and practice of that day. The Legislature, from the very nature of its make-up, must necessarily have agents to execute its purposes; and that agency may consist of a number of persons, for instance, "The President and Trustees of Ohio University," or a single individual.

The Act of February 18, 1804, passed by the Ohio Legislature "contained many of the powers and privileges of the Act, of 1802 and is considered as entirely superseding it, although the earlier act has never been expressly repealed."

The preamble of the later act is worthy of quotation in this connection: "Whereas institutions for the liberal education of youth are essential to the progress of arts and sciences; important to morality, virtue, and religion; friendly to the peace, order, and prosperity of society; and honorable to the government that encourages and patronizes them; therefore, Be it enacted by the

General Assembly of the State of Ohio, That there shall be an University instituted and established in the town of Athens**** by the name and style of the 'Ohio University' for the instruction of youth in all the various branches of liberal arts and science; for the promotion of good education, virtue, religion, and morality; and for conferring all the degrees and literary honors granted in similar institutions."

From the date of the appointment of the first "body politic" to the adoption of the Constitution of 1851, its membership was named by legislative acts; since 1851, the members of the Board of Trustees have been nominated by the Governor of Ohio subject to confirmation by the Ohio State Senate.

The educational history of Ohio University is one of deep interest to every friend of education. The past, at least, is both honorable and secure. From the date, in 1815, when its first graduates left its halls, to the present, the educational service it has rendered to the people of Ohio speaks volumes for the wisdom, foresight, and patriotism of its founders.

The Civil War was in progress in the early sixties of the last century. At their country's call, students left the halls of Ohio University to enter the army. Ohio, as a state, recognized the motive and service of these young men.

February 10, 1864, the Legislature passed an act whose purpose was "to provide for admission, without charge, into the state universities and common schools of persons who, when minors, entered the military service of the United States." Observe that the "universities" and the "common schools" are directly associated in the title of the act. The act made it the "duty of the trustees of Miami University, at Oxford, and of Ohio University, at Athens, * * * * to admit into said universities * * * * without charge, all persons who, when minors, so enlisted in the military service of the United States," etc.

Acts of the Legislature—January 23, 1867; April 30, 1868; January 28, 1870—make appropriations "*to pay tuition of soldiers in the state universities at Athens and Oxford.*"

Originally, it was thought that the income from the endowment lands and from tuition fees would be sufficient to give the University adequate financial support. It did not take long to see that such income was wholly inadequate to support an insti-

tution of learning worthy of the people's confidence and patronage. Thus, it is, that, since 1875, the Ohio University has been financially supported by legislative acts making direct appropriations of money, or providing a mill-tax support or by a combination of the two. In the manner, the Ohio University within the last forty-two years, has received hundreds of thousands of dollars from the Legislature of Ohio for institutional up-keep.

By an act of the Legislature, passed March 12, 1902, a Normal College was established at Ohio University. Since the date named, the College has been supported by a mill-tax and by direct appropriations.

Both University and Normal College are under the direction of the same Board of Trustees, whose members are appointed as herein before stated. There is no separation, no division of the institution's funds as between the two arms of its educational service. Legislation, and public opinion as well, recognizes the Ohio University as an entity—not one part controlled by a corporation and another part by the State of Ohio, through its legislative acts.

LOCATION

Athens, the seat of the University, is situated in the southeastern part of the State. It is easily accessible from the east and west by the Baltimore & Ohio Southwestern railroad and its branches; from the southern, central, and northern portions of the State by the Hocking Valley and the Toledo and Ohio Central railways. By these routes it is one hundred and sixty miles from Cincinnati and seventy-five miles southeast from Columbus. The sanitary arrangements of the city are unsurpassed. Its principal streets are paved; it is provided with water-works and sewerage; its Board of Health is vigorous and efficient. There are few cities in the country that are more desirable as a place of temporary or permanent residence than Athens.

The lover of natural scenery cannot fail to be charmed with its picturesque surroundings. The winding valley of the Hocking and the wooded hills beyond present a series of striking views from the University, while the wide prospects, as seen at

certain seasons from some of the neighboring summits, afford a quiet and varied beauty.

BUILDINGS

The University buildings, not including numerous small structures, are fifteen in number. Nine of them are grouped on the campus.

Manasseh Cutler Hall, formerly known as the Central Building, was erected in 1817, and is the oldest college edifice northwest of the Ohio River. This venerable structure is dear to many by strong and tender association.

Ewing Hall, named in honor of Hon. Thomas Ewing, of the Class of 1815, is a handsome building in which may be found the assembly room, art room, various class-rooms, and the administrative offices.

Ellis Hall, the building largely occupied by the State Normal College, is the first building in Ohio, erected at state expense for the training of teachers for service in public schools. It is one of the largest, best, and most costly buildings on the grounds.

Carnegie Library is situated in the southwest corner of the campus. It presents a fine appearance and suggests the highly practical service it is rendering to the educational work of the University.

The buildings known as **East Wing** and **West Wing** are nearly as old as Manasseh Cutler Hall. They afford class-room and laboratory facilities for certain departments of instruction.

The **Old Chapel**. Some of the work of the College of Music is carried on in this building. Here several of the literary societies meet. On the first floor is a small assembly room.

Howard Hall is located nearly opposite the north entrance to the campus. It is a fine brick structure heated by steam, where convenient and pleasant rooms are occupied by a Matron, and seventy-four women students.

Boyd Hall, a dormitory for young women, has a frontage of 150 feet on Park Place and a depth of 100 feet. Each bed-

room is well lighted and has ample closet space. Accommodations are provided for eighty-six students.

Lindley Hall. One hundred and twenty thousand dollars was appropriated by the legislature of 1915 for a new dormitory for women. It is located on a large lot facing the "College Green" to the west of Ewing Hall.

Cottage Dormitories. Ten cottages, the property of the University, have recently been added to the dormitory system. They will accommodate about one hundred girls. In each cottage there resides a competent proctor who assists the dean of women in her supervisory work.

The Gymnasium is a handsome structure containing a swimming pool, lockers, offices, and all the appliances found in a complete gymnasium.

The Central Heating Plant has recently been doubled in size. The University Electric Light Plant has been installed here with new and fuller equipment. Every building on the University campus now receives its heat and electricity from this Central Plant.

Science Hall. This building was occupied for the first time in 1912. It is a commodious structure, consisting of a well-lighted basement and three carefully arranged stories above ground. With its equipment it has cost about \$120,000. In it are the departments of Physics, Chemistry, and Biology.

The Agricultural and Household Arts building was completed in the spring of 1915. It is a handsome edifice costing \$90,000. It is located on the street facing the campus, within a minute's walk of the two dormitories for women. The basement contains a large cafeteria.

The Training School of the State Normal College, a model building of its kind, has been erected and equipped at a cost of \$70,000. It contains ten class-rooms, twelve recitations rooms, rest-rooms, offices, and an auditorium with seating capacity for 400 persons.

Alumni Gateway. A beautiful gateway was erected by the alumni in 1915 in honor of the 100th anniversary of the first graduating class of Ohio University.

COLLEGES AND DEPARTMENTS OF OHIO UNIVERSITY

Educational effort at Ohio University is included in the work of the **College of Liberal Arts** and in that of the **State Normal College**.

Degrees are given only in those courses that require four years of study, or the completion of 120 semester hours.

In subsequent pages full particulars are given in regard to the various departments and schools included in the work of the University.

THE UNIVERSITY SUMMER SCHOOL

The Summer School for 1920 will begin on Monday, June 21, and close on July 30. A continuation Summer School will extend from August 2 to September 3.

The work of the Summer School includes studies from the College of Liberal Arts and the State Normal College. A booklet giving details will be sent to any one desiring information about the Summer School.

EXTENSION DEPARTMENT

The aim is to give, as nearly as possible, work equivalent to that done in the regular college classes. Credits, with limitations, counting on all courses in any department of the University, are given. Traveling libraries are furnished to the various centers, and the work is maintained at a high standard.

A special Extension Bulletin has been published which gives in detail the character of the work offered and the method of organizing centers. This will be sent on application to any one wishing to acquaint himself with this feature of the University's activities.

SCHOLASTIC REQUIREMENTS FOR ADMISSION TO THE FRESHMAN CLASS

Ohio University recognizes and gives full credit to the classifications of high schools made by the State Superintendent of Public Instruction. Graduates from high schools of the first grade can enter the Freshman class of the College of Liberal Arts or the State Normal College, or enter upon the short courses in the School of Commerce, in Electrical Engineering, and in Civil Engineering *without examination*, provided they have completed at least fifteen units of secondary work as the terms are generally understood and applied in educational circles; also, graduates from high schools named in the accredited lists of colleges and universities of recognized high standing will be received by certificate, on equal terms.

When any part of the fifteen units of secondary credit is made up of what may be regarded as legitimate college work the same will be accepted without examination, but no hours of *college credit* will be given therefor.

When the fifteen units of secondary credit do not include all the studies required as preparatory work by Ohio University, such studies may be regarded as electives, and included in the 120 hours of college work required for graduates.

The foregoing statements are made to show students that, in order to complete any one of the four-year degree courses, they must have fifteen units of preparatory credit, and 120 hours of collegiate work.

A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work.

Graduates from a "Commercial Course" of a first-grade high school will be given full credit for the special work there done, should they enter upon any course connected with the School of Commerce; but if such graduates seek admission to the Freshman class of the College of Liberal Arts, or the State Normal College, they will be given such credit as may be deemed just and proper by the Faculty Committee on Registration, after a careful examination of each separate case.

In all cases where students seek to enter any of the colleges or departments of the University without examination, they

must present to the Registrar the legal certificate, or a certified copy thereof, which accompanies the diploma of each high school graduate; or a "Certificate of Application for Admission" prepared by the University, will be sent to prospective students thus enabling them to comply with the conditions hereinbefore stated.

Holders of High School Certificates, issued by the Ohio State Board of School Examiners, will be admitted to the Freshman class of any college or department of the University *without condition*.

Candidates for advanced standing are, in all cases, examined to ascertain their thoroughness and proficiency; but certificates from other institutions will be accepted for the amount of work done in the different departments.

Women are admitted to all departments of the University on the same terms, and under the same conditions as those prescribed for men.

No pupil of high-school age residing in Athens, unless he is a graduate of the High School or the possessor of fifteen units of credit, shall be permitted to register in the regular semesters of Ohio University. This does not apply to students who are enrolled in the High School for their Senior year and who fill out a full program by electing one or more subjects in the University.

TABLE OF UNITS

As has been said, any graduate of a first-grade Ohio high school, approved and certified to by the State Department of Public Instruction, can gain admission to the Freshman class of Ohio University. For the information of those who desire to enter by examination or by means other than graduation from an Ohio high school the following table of units is given:

English	1, 2, 3, or 4	units
American History or American History and Civil Government	1	unit
Ancient and Medieval History	1	unit
English History	1	unit
Algebra (through quadratics)	$\frac{1}{2}$	unit
Algebra (beyond quadratics)	$\frac{1}{2}$	unit

Geometry (plane)	1	unit
Geometry (solid)	$\frac{1}{2}$	unit
Trigonometry	$\frac{1}{2}$	unit
Latin	2, 3, or 4	units
Greek	1, 2, 3, or 4	units
German	2, 3, or 4	units
French	2, 3, or 4	units
Spanish	2, 3, or 4	units

(With the exception of Greek, not less than two units of any foreign language will be accepted.)

Physics	1	unit
Chemistry	1	unit
Physical Geography	1	unit
Zoology	1	unit
Botany	1	unit

Physical Geography
Zoology
Botany
Physiology

} For the present any two of these
may be counted together as one
unit.

Agriculture
Free-hand Drawing
Manual Training
Domestic Science
Commercial Geography

} The Registration Committee may,
after investigating each claim,
grant a total credit of not to ex-
ceed 2 units.

ENTRANCE BY CERTIFICATE

1. The certificate must be official. This means that it must be signed by some official of the school.

2. The certificate must be explicit. Detailed information as to course, text-book, number of recitations, length of recitation, and grade must be given. A diploma does not meet these requirements.

3. Each registrant must file his entrance certificate within ten days after his registration.

4. After the certificate has been sent in to the office it becomes the property of the University.

5. Students coming from other colleges are required to present properly signed statements of work and certificates of honorable dismissal.

HELPS TO REGISTRATION

Before registering each student must consult a member of the faculty who acts as adviser for the college or department he represents. The following selection has been made for the year 1919:

College of Liberal Arts, Dean Chubb.
Normal College, Dean Richeson.
Electrical Engineering, Professor Atkinson.
Civil Engineering, Professor Addicott.
School of Commerce, Professor C. M. Copeland.
School of Music, Professor A. S. Thompson.
Public Speaking, Professor Cooper.
Home Economics, Professor Endly.
Agriculture, Professor W. F. Copeland.
Training School, Principal Waite.
Rural Training School, Professor Mardis.

Before reporting to the registrar, *all students* should consult their course advisers, who will assist in making out a schedule.

When a student has registered no change may be made in his work, except in case of error without the consent of his adviser and the registrar. After three weeks, the consent of the Executive Committee is required.

DAYS FOR REGISTRATION

At the opening of the First Semester—in September—the registration schedule is as follows:

Saturday from 8:00 A. M. to 4:00 P. M.

Monday from 7:30 A. M. to 5:00 P. M.

Tuesday from 7:30 A. M. to 11:30 A. M.

At the opening of the Second Semester the registration schedule is as follows:

Monday from 7:30 A. M. to 5:00 P. M.

Tuesday from 7:30 A. M. to 11:30 A. M.

Students who fail to register within the times designated will pay a penalty of \$2.00.

A student who is unable to take the examination at the end of a semester can take a special examination only upon special permission and the payment of a fee of one dollar. The fee is to be paid in advance to the registrar.

All registration fees are due and payable in advance.

The fee of \$18.00 is not a tuition fee; no refund will be made after a student has registered.

DEGREES

The Bachelor's degree (A. B., Mus. B., or B. S. in Education) is conferred upon the students who have completed one of the four-year courses laid down in another part of this catalog.

An additional year's work, that is, thirty semester hours will be required for the securing of a second Bachelor's degree. To illustrate—if a student has earned the degree of A. B. by securing 120 semester hours, he must secure an additional thirty hours to receive the degree of B. S. in Education. The additional thirty hours shall be done in the line of his second degree upon the approval of a committee composed of the President, the Dean, and the professors under whom he is to do his work.

No undergraduate shall receive a degree unless he has spent two semesters or its equivalent in residence.

Ohio University does not confer the degree of Doctor of Philosophy (Ph. D.) Only graduates of the University are eligible to the honorary degree of Doctor of Divinity (D. D.)

The honorary degree of Doctor of Laws (LL. D.) is conferred upon those selected by joint action of the Faculty and the Board of Trustees. Other honorary degrees may be conferred when deemed proper by the authorities above named.

What Constitutes Residence—The following resolutions were passed by the faculty on April 10, 1916:

Resolved, That the work of the senior year in degree courses of each undergraduate student be done in residence at Ohio University in regular semester, only; or in lieu thereof a student of college rank must spend four regular semesters in residence at Ohio University.

That not more than a total of fifty per cent of work leading to bachelor's degree shall be done in courses given in short terms—such as are offered in the summer terms, the special spring terms, and in extension work;

That any student taking a two-year course shall spend at least two long semesters in residence at Ohio University.

FILING APPLICATION FOR A DIPLOMA

1. *Resolved*, That hereafter all candidates for a degree or diploma must file their application in the registrar's office on or before May first of the year in which they expect to complete the work enabling them to receive a degree or diploma.

2. No student shall receive a degree or diploma or appear with the graduating class, before he has completed all the requirements of his course. If he finishes his work in the Summer term, he may be presented with a statement to that effect, but he will not graduate with the graduating class of the current year. This shall go into effect in June, 1918.

THE MASTER'S DEGREE

By action of the faculty, taken in accordance with the desire of the Board of Trustees, Ohio University has decided to confine itself to undergraduate work. It was felt that the interests of higher education in the state would be best served by the state-supported universities combining their efforts for the developing of one effective graduate school and that this graduate school should be the one at Ohio State University; and that Ohio and Miami University should aim to strengthen and develop their undergraduate colleges. Both Ohio University and Miami University have representatives on the Graduate Council of Ohio State University. The only exception to the rule that no graduate work shall be done at either Ohio or Miami University is that embodied in the sixth resolution herein quoted.

“That the administrative duties of the Graduate Council shall require the assignment of work required for degrees; supervision of its progress, wherever given; conduct of the examinations and recommendations for degrees. All work for higher degrees will be given at the Ohio State University and subject

to the cooperation and approval of the Boards of Trustees of Ohio University, and Miami University, no graduate work will be offered by those institutions, except that candidates who are members of the instructional force at those institutions, may pursue the graduate work for the Master's degree there, subject to the supervision and control of the Graduate Council, and upon successful completion of the same, will receive their degrees from the Ohio State University."

Discontinuing graduate work does not mean that Ohio University students are not urged to continue their studies after they have received the baccalaureate degree. In recent years many of our students have made highly creditable records in the Graduate Schools of Harvard, Yale, Columbia, Cornell, Chicago, Michigan, Pennsylvania, Clark, etc. At present graduates of the College of Arts of Ohio University, who have also pursued graduate work elsewhere, are professors and instructors in the universities of Harvard, Cornell, Pennsylvania, Wisconsin, Indiana, Illinois, Iowa, West Virginia, Oklahoma, etc.

DISCIPLINE—OPPORTUNITY

Entering the University will be considered a pledge to obey its rules and regulations. These are few and simple, appealing to student's self-respect and sense of personal responsibility. Persons of known bad character or of lazy habits are not wanted, and will not be retained unless they show a decided desire to reform. Students from other colleges must present certificates of honorable dismissal.

Whenever the conduct of a student is such as to indicate that he is unfit to be a member of the University, either because of immorality or because of habitual neglect of his college studies, he will be requested to withdraw. But in the latter case, his parents will be first notified, and if he is not withdrawn within a reasonable time he will be dismissed.

RULES AND REGULATIONS

GRADING

Whereas, It seems highly desirable that a grade given by the teacher should have as far as possible a standard meaning, and from your committee's investigation, and also from that

made a year ago, it has been found that there is a great diversity in the practice of the teachers of Ohio University with reference to the giving of grades:

Resolved, That hereafter an effort shall be made to conform to the following distribution of grades:

Of all the grades given by a teacher no more than ten per cent shall be A's, twenty-five per cent B's, forty per cent C's, and twenty-five per cent D's. As there will likely be E's, as well as F's, the foregoing per cents are given as a guide rather than as a fixed proportion; but it is expected that each teacher shall aim to *approximate in the long run* the distribution here given. It is also to be understood that the distribution does not refer to any one class, but to the whole number of grades handed in by any one teacher or department.

It shall be the duty of the deans to publish each semester, for circulation among the faculty only, a circular showing the distribution of grades during the preceding semester, by each professor and instructor.

Meaning of the symbols used in grading:

- A—With highest honor.
- B—With honor.
- C—Medium.
- D—Sub-medium (passed).
- E—Conditioned.
- F—Failed.

The term C or *medium* indicates an average grade. It means that in a class of twenty-five about ten show average ability; above this line of mediocrity there are about nine who do their work with ability above the average; below this line of *medium* ability there are likely to be six who deserve but D, E, or F. While a teacher is expected to use this faculty regulation as a helpful guide in standardizing grading, he is not to be obliged to conform to it with mathematical precision. Attention is called to the phrase, "*to approximate in the long run the distribution here given.*"

2. In order to graduate, a student must have a grade above D in more than half his work.

3. Upon the removal of a condition, or upon passing special examination after a failure, the grade shall be recorded as a D.

4. When a student registers he shall declare the course he is taking; and then when he is enrolled in the catalog his name shall appear in but one place.

At the beginning of every month each professor and instructor shall send to the deans the name of each student whose work is unsatisfactory. Uniform cards will be furnished for this purpose. The names of students belonging to the College of Liberal Arts shall go to the dean of that College, etc.

5. Any student who fails to pass in one-half of the number of hours for which he is registered in any one semester shall be dropped for a single semester.

6. No student is to be given any regular college classification, until his entrance credit is on file and his preparatory conditions removed.

FEES AND DEPOSITS

There is no charge for tuition in any of the regular classes, but all students shall pay a registration fee of \$18.00 each semester. Students attending the special terms and the extension classes shall pay a semester registration fee of \$5.00. From each semester fee of \$18.00, the sum of \$3.50 shall be turned over to the control of a Faculty Committee on "Athletic, Lecture, and Entertainment Fund." From this Fund, the salary of the Athletic Coach shall be paid and \$1.00 for each registered student shall be paid to the management of the "Green and White." Each student thus becomes a paid-up subscriber. The fee of \$18.00 also *includes* \$1.50 to be used in support of the University Hospital.

Pupils attending the John Hancock High School—a school for the special training of high-school teachers—pay a registration fee of \$5.00 each semester and, in addition, an incidental fee of \$2.50; the latter sum to be used for school purposes approved by the authorities of the University.

It is to be noted that the fee of \$18.00 is not a tuition fee, and that no refund will be made after a student has registered.

Students are required to pay for private work in Painting, Music, and Oratory.

FEES

Registration fee	\$18.00
Registration for students in special terms and extension classes	5.00
Registration fee for students taking work in Voice, Violin, or Piano <i>only</i> :	
One lesson per week	8.00
Two lessons per week	14.00
Music, private lessons—one per week.....	10.00
Music, private lessons—two per week.....	16.00
Harmony, class instruction	4.00
Harmony, private lessons	16.00
Counterpoint	4.00
Instrumentation	4.00
Stenography	2.00
Typewriting	2.00
Oratory, private lessons	16.00
Painting, full work	16.00
Diplomas	5.00
Certificates of Proficiency	1.00
Special Examination	1.00
Penalty for Late Registration	2.00
Penalty for Change in Registration Card.....	1.00

DEPOSITS

Agriculture	\$1.00
Biology	1.50
Chemistry, Elementary	2.50
Chemistry, Advanced	3.50
Civic Biology	1.00
Field Work in Surveying	1.00
Gymnasium	1.00
Hand Work, Bookbinding, Pottery, each.....	1.50
Home Economics	1.00
Kindergarten	2.00
Manual Training and Work Shops	1.00

Music—Piano and Organ Practice	2.00
Physics and Electricity	1.50
Psychology and Paidology	0.75
Typewriting	0.50

These deposits are for each laboratory class in each department named.

All laboratory fees shall be payable at the beginning of each seemster in which the laboratory work is required.

Regular and special fees and deposits shall be collected by the treasurer. Any balance of deposit fees, after they have met the purpose for which collected, shall be returned to students upon completion of the course, or when they withdraw from class with honorable dismissal.

Deposits for the special terms shall be one-half as much as those for a semester.

Students of the College of Music who have paid the regular registration fee of \$15.00 shall be entitled to pursue other regular college work without paying additional fees.

A deposit of \$1.00, collected by the Curator of the Gymnasium, shall be made by each student at the beginning of each college-year, or whenever he enters college. This deposit is returned when the key of the locker is returned.

The diploma fees are used to furnish graduates with diplomas properly filled out, signed, and sealed. From the fees thus collected shall also be paid all expenses connected with the graduating exercises of Commencement Week.

EXPENSES

As persons frequently wish to know, as nearly as may be, how much it will cost to spend a year at the Ohio University, the following estimates are presented:

LOWEST		MEDIUM	
Registration Fee	\$ 36.00	Registration Fee	\$ 36.00
Laboratory Fees	3.00	Laboratory Fees	6.00
Board	150.00	Board	165.00
Room	45.00	Room	54.00
Books	15.00	Books	20.00

Laundry	20.00	Laundry	30.00
Incidentals	10.00	Incidentals	20.00
	<hr/>		<hr/>
	\$279.00		\$331.00

An excellent cafeteria in the Agricultural and Household Arts Building offers good meals at low cost.

DORMITORIES

The University dormitories are exclusively for girls. All young women who are not residents of Athens are required to reside in Boyd Hall, Howard Hall, Lindley Hall, or in one of the cottages owned by the University, unless the rooms are already occupied. Only in special cases will exceptions be made. The dormitories afford pleasant quarters at a low cost to the student, room and board costing from \$5.00 to \$5.50 a week. Everything except soap and towels is furnished. About three hundred and eighty girls can be received.

Girls residing at the College St. cottages are required to board at Howard Hall; those in the Court St. cottages at Lindley Hall; and those in the other cottages at Boyd Hall, or at the college cafeteria.

Rooms will be assigned for the first semester of the college year, in order of application, after the first day of March each year. However, no room will be assigned to any applicant unless a \$5.00 retaining fee accompanies the application. In case of inability to take the room the fee will be refunded, provided notice is given before September first. Otherwise the fee goes to the University whether the applicant comes or not. All rooms must be claimed by five o'clock on the evening of the second day of registration.

The entire amount of rent for each room is required at the beginning of each semester. Board shall be paid one month in advance.

SELF-HELP

The Secretary of the Y. M. C. A., the University organization, conducts an Employment Bureau to assist young men in securing work which shall help in paying for their expenses while in college. Many young men earn at least their boarding

expenses by serving as waiters in restaurants and boarding houses; others manage boarding clubs, act as agents for various commercial enterprises, and do odd jobs outside of college hours. Young women who desire work of some kind to help pay their expenses should write to the Dean of Women. A general caution, however, needs to be given. While an energetic student can find some way of paying at least part of his college expenses by his outside activities, it is often done at the expense of his scholarship. Second, the prospective student must remember that the best positions are already in the possession of the older students. A student should not come to college without having enough ready money to carry him through the first semester.

THE ALUMNI LOAN FUND

Since 1908, \$3,859.67 has been contributed by the alumni and friends of the University for the purpose of furnishing loans to the students pursuing a four-year course in the University. To receive a loan a student must have completed one-half of his course. Five per cent interest is charged. Since the first loan was made in 1908 up to the present time over \$14,000 has been advanced to needy students. The fund is administered by a committee consisting of the Dean of the College of Liberal Arts, and President J. D. Brown, Bank of Athens.

Contributions have varied in amount from \$1 to \$1,000, the latter sum coming through a legacy by Mrs. Alice D. Brown. Contributions to this fund will be gladly received and carefully administered.

THE WOMAN'S LEAGUE LOAN FUND

In 1913 the Women's League of Ohio University established a loan fund to be known as The Woman's League Loan Fund. The object at first was to assist girls by means of small loans payable within short periods, without interest. The fund has grown slowly but steadily until now it is possible to make loans of \$50 to \$100 for a period of six months or a year at 6 per cent interest, as well as small loans without interest. The Dean of Women acts as treasurer of this fund.

The chief source of income is from the Annual Skit Show given by the girls during the spring. In addition to this two-

fifths of the annual dues to the League go into the fund. Several personal donations have been received. These have been highly appreciated and it is largely thru these that we have been able to extend the field of loans.

RELIGIOUS INFLUENCE

The University is not sectarian, and no effort is made to inculcate the doctrines of any particular creed or denomination; but the utmost care is taken to promote sound and healthy religious sentiments. Students are encouraged to attend with regularity the churches of their choice. The various churches of Athens, both Protestant and Catholic, are cordially thrown open to the students.

The founder of the Ohio University believed that "religion, morality, and knowledge are necessary to good government and the happiness of mankind" and it has been the steady purpose of those to whom has been entrusted the duty of carrying out his plans to insist on the intimate relation existing between the three.

YOUNG PEOPLE'S CHRISTIAN ASSOCIATION

Both the Y. M. C. A. and the Y. W. C. A. have flourishing organizations connected with the Ohio University, and a large proportion of the students are members of one or the other. These hold meetings weekly or oftener, provide lectures on religious or Biblical topics, and take an active interest in promoting the spiritual, moral, and intellectual welfare of the entire student body. The management of the University is in hearty sympathy with these organizations and does all that is possible to aid them in their work.

The Y. W. C. A. has a rest room on the first floor of the Central Building, and has an assembly room on the second floor of the West Wing.

The Y. M. C. A. has a basement room, with seating capacity for two hundred people, in the well-lighted Carnegie Library.

All these rooms are well furnished presenting a home-like and inviting appearance.

LITERARY SOCIETIES

There are three literary societies in the University, the Athenian, the Philomathean, and the Chrestomathean. They occupy well-equipped halls in the former chapel building. The members have opportunity to exercise themselves in declamation, composition, and oratory, and to become familiar with the modes of conducting business in deliberate assemblies. Debating clubs are also formed from time to time by those students who desire to have more extended practice in the public discussion of important questions.

THE "BROWN PRIZE IN ORATORY."—Mr. James D. Brown, a public-spirited citizen of Athens, who has always shown a deep interest in the welfare of the University, and a special interest in the oratorical contests, has made provision for prizes to be awarded to the three oratorical contestants winning highest grades, as follows: First prize \$50.00; second prize \$30.00; third prize \$20.00.

THE EMERSON PRIZE POEM FUND

The late W. D. Emerson, of the class of 1833, bequeathed to the Trustees of Ohio University the sum of one thousand dollars, the interest on which is to be awarded every second year to the student or graduate of the institution who shall write the best original poem.

Persons distinguished in the literary walks of the country have served as judges. Among these may be named: Miss Annie Fields, Mr. Maurice Thompson, Mr. E. C. Stedman, Mrs. Margaret E. Sangster, Mr. W. D. Howells, Mr. Clinton Scollard, Prof. George E. Woodberry, Prof. Henry Van Dyke, Mr. Hamilton W. Mabie, Prof. Richard Burton.

For the information of future contestants, and others interested, the conditions of the competition for the Emerson Prize are herewith given; *they must be observed in every particular*. Amount, about \$120. Date of award soon after the opening of the second semester, 1921.

The competitors must be either graduates or students in actual attendance at the University.

The poems must be in the hands of the President of the University before the opening of the second semester, 1921.

The prize will be awarded upon the merits of the production, not its length.

Only one production is to be handed in by each contestant.

Anyone having, in any contest, been awarded first prize, shall not again be eligible to contest.

The judges shall be three disinterested persons appointed by the President of Ohio University and the Professor of English Literature *ibidem*, who shall independently of each other pass upon the production submitted to them.

In the preparation of the MSS. the following regulations are to be observed:

Use the typewriter.

Use paper eight and one-half by eleven inches.

Write only on one side.

Send in three typewritten copies.

Mark the MSS. with some pseudonym or character and send this in a sealed envelope, with your name and address, to the President of the University. This envelope will not be opened until the award of the judges has been made.

CHI OMEGA PRIZE IN ECONOMICS

Beginning with the year 1919-20, the Tau Alpha chapter of Chi Omega, in accordance with the national policy of the fraternity, will offer each year a prize of \$25.00 to the girl who does the highest grade of work in the Department of Economics. Any girl in the University is eligible to compete for the prize, which will be awarded at commencement.

RHODES SCHOLARSHIPS

Men who have completed their Sophomore year at Ohio University are eligible to compete for the Cecil Rhodes Scholarships, tenable for three years at Oxford University, England, with a stipend of \$1,500 each year. These scholarships are awarded on the combined basis of character, scholarship, athletics, and leadership in extra-curriculum activities. Further information may be obtained from any member of the Rhodes Scholarship Committee of Selection for Ohio: Chairman, President W. O. Thompson, Ohio State University, Columbus, O.; Professor B. E. Schmitt, Western Reserve University, Cleve-

land, O.; Cary R. Alburn, Esq., Attorney, Garfield Bank Building, Cleveland, O.; Secretary, Professor Leigh Alexander, Oberlin College, Oberlin, O.

LIBRARY AND READING ROOM

The University libraries contain about 50,000 volumes, a large part of which are of recent purchase. A liberal allowance has secured an abundance of the best recent literature in the various fields of scholastic activity. The reading room furnishes access to the latest contribution on all topics under current discussion. Some of the largest works are useful not only for reference, but also for purposes of original investigation.

APPARATUS

The departments of Mathematics, Psychology, Physics, Chemistry, Biology, Elementary Science, Physiography, Manual Training, Domestic Science, Agriculture, Electrical Engineering, and Civil Engineering are well equipped with valuable apparatus, which is put at the personal disposal of the student. These subjects are constantly illustrated by experiments, some of which are performed by the professor in charge, others by students under the direction of the professor.

The facilities for the work in science have been greatly increased by the removal of the Department of Physics, Electrical Engineering, Chemistry, and Biology into the new Science Hall, the commodious structure completed in 1912 at a total cost of about \$120,000.

The large Biological Laboratory has been filled with appliances suitable for pursuing extensive courses of study in the various departments of Biology, the selections being made with a view to furnish each student with such apparatus, reagents, etc., as are necessary for independent work. To this end more than seventy microscopes have been provided and many duplicates of other appliances are at hand. Excellent histological apparatus is in use for freezing and sectioning, and the laboratory is also well equipped for embryological and bacteriological work.

The Department of Physics and Electrical Engineering is well equipped for the work it undertakes to do. Additions are

made each year both to the apparatus for class demonstration and to the equipment for individual laboratory work in the various courses. The laboratory for Elementary Physics is provided with apparatus for thorough work in mechanics, heat, light, sound, electricity and magnetism. The Laboratory for Advanced Physics is provided with all facilities for the more advanced phases of laboratory work.

The Electrical Laboratory contains much apparatus for absolute measurements in electricity and magnetism. The Dynamo Laboratory, in the basement of Science Hall, contains various types of dynamos, transformers, gas engines and steam engines; also the necessary form of volmeters, ammeters, wattmeters, tachometers, rheostats, indicators, and other appliances for the various electrical and steam tests. The shops are well provided with machinery and tools for both wood and metal working.

The Chemical Laboratory occupies the entire second floor of the new Science Hall. Here are modern lecture rooms, offices, dark rooms, lockers, and special laboratories both for elementary and advanced work in chemistry.

In the Department of Paidology and Psychology, a laboratory has been established. Rooms set apart for this department have been equipped with furniture and apparatus such as are needed for experimental work in these sciences.

The department of Mathematics and Civil Engineering is well equipped for carrying on the wide range of work offered. Fine sets of surveying instruments of the most approved kind are used by the students in field work under the direction of the Professor of Civil Engineering.

The equipment of the Manual Training Department is to be found in two large rooms in Ewing Hall. One room contains the machinery used in instruction in iron work; the other contains the wood-working appliances.

In the new "Agriculture and Household Arts" building is located the work in elementary agriculture, botany and household arts or domestic science.

The Department of Physiography is equipped with reflectroscope, tellurin, globes, relief maps, wall maps, blackboard outline maps, individual globes and abundant library references.

The Art Departments—University and Normal—occupy a

large well-lighted suite of rooms with equipment of an up-to-date character.

THE MUSEUM

The Museum is located in the basement of the Carnegie Library. It already has a well catalogued and labeled collection of mineralogical, archæological and historical specimens. Many of these are rare and valuable. Among the special features to be seen are the Case Collection of geological specimens, the Lowery Filipino Collection, the Wickham Civil War Collection and the Wilmont Elton Brown Filipino Collection. Accessions are being made all the time and new quarters are necessary to accommodate the growing Museum.

FACILITIES FOR PHYSICAL EDUCATION

THE GYMNASIUM is well equipped, and affords excellent opportunities for development of the physical nature.

The use of the baths and the gymnasium is free to students. A deposit fee of *one dollar* is required of each student as a pledge for the proper care of his locker and key. This fee will be returned to the student, when leaving college, if the key is returned and the locker left in good condition. In the conduct of the gymnasium, the aim is not so much the development of a few gymnastic experts as the provision for wholesome exercise for the many. For this purpose regular instruction in light gymnastics is given to both men and women.

ATHLETIC FIELD—The Athletic field is a level tract of ten acres, owned by the University, and situated a few minutes' walk southward from the campus. The field has been equipped especially for baseball, football, and track.

ATHLETIC RULES—1. Two semesters of gymnastic work are required in *all courses*.

2. This work covers two hours each week throughout the period required.

No credit will be given for work done in the gymnasium.

Work in the gymnasium is to begin as soon after matriculation as the above regulations will admit.

Where possible, the two semesters of gymnasium work

should be done the first year, and must be completed before the student graduates from any course leading to a diploma or a degree.

SUPERVISION OF ATHLETIC SPORT—The general supervision of athletic sports is vested in a Faculty Committee.

The Advisory Board consists of the offices of the Athletic Association. These boards, under certain regulations, have charge of all financial affairs of the Athletic Association and the arrangement of all intercollegiate games. These are played under Ohio Conference rules.

The Faculty Committee, composed of five members, has charge of all matters involving the relation of athletic sports to the University; for example, the eligibility of players proposed for any University team and the investigations of charges of misconduct on the part of players. The policy of the committee is to foster the spirit of honor and gentlemanliness in athletics, to suppress evil tendencies, and to see that play shall not encroach too much upon the claims of work.

COLLEGE OF LIBERAL ARTS

COURSES OF STUDY

The degree of Bachelor of Arts (A. B.) is given by Ohio University to those students who complete a four-year course (120 semester hours) in the College of Liberal Arts. An hour is one class period a week for one semester, each class period presupposing two hours' preparation by the student, or the equivalent in laboratory work. (In lecture courses in which little or no outside work is required, one hour of credit shall be given for two hours of class instruction.)

By arranging the studies in four groups and by requiring a minimum from each group, it is hoped that the danger of narrowness of culture has been avoided, while by requiring a maximum in one group it is expected that the student will have opportunity to develop power by intensive study of closely related subjects.

All the studies have been included in four groups. These groups are:

- (A) Language and Literature
- (B) Natural Science
- (C) Social Sciences.
- (D) Philosophy and Mathematic

The various departments

The College of Liberal Arts offers courses in the following general subjects:

The English Language	German
English Literature	Spanish
American Literature	French
Latin	Sociology
Greek	Astronomy
Philosophy	Biology
Ethics	Chemistry
Logic	Geology
Physics	Electrical Engineering
American History	Mathematics

European History	Anatomy
Economics	Civil Engineering
Commerce	Public Speaking
Salesmanship	Physical Culture
Advertising	Fine Arts
Sociology	Music

It must also be remembered that often a student has the privilege of electing work from the State Normal College. Here he can find electives in Agriculture, Education, Psychology, Paidology, Botany, Home Economics, School Administration, etc.

REQUIREMENTS FOR GRADUATION

The Four Groups

The departments are arranged in four groups:

(A) LANGUAGE AND LITERATURE.

English, Latin, Greek, French, Spanish, Fine Arts, and Music.

(B) NATURAL SCIENCES.

Astronomy, Biology, Botany, Chemistry, Geology, Physiology, and Physics.

(C) SOCIAL SCIENCES.

History, Government, Economics, Commerce.

(D) PHILOSOPHY AND MATHEMATICS.

Philosophy, Psychology, Mathematics, Logic, Education, (with the exception of Mathematics no subject in this group is open to Freshmen).

Regulations

- 1 In addition to the 120 hours, two semesters of gymnasium work are required of all students.
- 2 Group requirements:
 - (A) Language and Literature Group.
 - (1) Freshman English Courses 101 and 102, totaling 6 hours must be taken by all students. Three additional hours must be taken by those students who have not credit for three entrance units in English.

- (2) In high school and college together the student must secure credit in at least two languages other than English. For those who enter with six units, in languages other than English, the college requirement is eight hours; for those with five units, twelve hours; four units, sixteen hours; three units, twenty hours; two units, twenty-four hours; one unit, twenty-eight hours; no units, thirty-two hours. The student may not offer less than a year's work in any foreign language.

(B) Natural Sciences.

Every student is required to secure credit for at least six semester hours in one biological science, (Physiology, General Biology, Bacteriology); but students who enter with one unit in botany or one unit in zoology are excused from this requirement.

- (2) Every student is required to secure credit for at least twelve semester hours in non-biological sciences (Astronomy, Chemistry, Geology, or Physics), of which at least a one-year course shall be in Chemistry, or Physics; but with students who enter with a unit of either Chemistry, or Physics, the requirement is six semester hours in one of the sciences of this group, and students who enter with one unit in Chemistry and one unit in Physics are excused from the non-biological science requirement.

- (C) Every student is required to secure credit for at least twelve semester hours in the Social Science Group, of which at least six semester hours shall be in European or American History; but for students who offer one or more units in History for entrance, the requirement is six semester hours in one of the Social Sciences.

(D) Philosophy and Mathematics.

Every student must secure credit either in high school or in college for Algebra through Quadratics and for Plane Geometry. He must in addition secure credit for six semester hours in Mathematics or Philosophy or Psychology.

- 3 Maxima and Minima: At least 36 hours required for the degree must be in some one of the groups mentioned above, and at least 18 in some other one of the groups mentioned above. In no one of the groups may more than 60 hours be credited for the degree. The hours here mentioned do not include the hours in the first course.
- 4 Courses open to freshmen: At least 36 hours of the 120 required for the degree must be in courses not open to Freshmen.
- 5 During the first semester no freshman may take more than 16 hours, nor more than 17 in the second. Under no circumstances may a student take more than 18 hours and then only after his preceding semester's work has been of a high grade.
- 6 In applied Music and Painting, but six hours of credit will be allowed to a candidate for a Bachelor's degree. In Manual Training and Domestic Science but six hours shall be allowed for such work as wood work, and sewing and cooking. Only the first year's work in Stenography shall count as college credit. In the College of Liberal Arts, six hours will be allowed for practice teaching done in high school subjects. For such work as Voice Culture, Pantomime and the mechanical side of Oratory no credit shall be given. A total of twelve hours will be allowed from all the subjects above named, and no more.
- 7 Any student of the College of Liberal Arts who shall have completed the requirements of the freshman, sophomore and junior years, and who shall thereafter have completed his first-year course in law or medicine at Ohio State University or any other institution of learning approved by the president and faculty of Ohio University shall be entitled to receive his Bachelor's degree from Ohio University.

For Lawyers and Physicians

A concession has been made to those who wish to study law and medicine. After a young man has completed the require-

ments of the A. B. course, with the exception of 30 semester hours of work, he may receive his degree by bringing a full year's work from an approved school of law or school of medicine. This is done to enable a young man to enter upon the practice of his profession a year earlier, and also with the hope of encouraging young men to take more than a year or two of college studies before entering a professional school. A similar concession will be made for the benefit of young men desiring to enter a school of engineering.

Training for Business

The successful business man of tomorrow will be the man with a vision. A college education in the liberal arts—in history, literature, foreign languages, and science, supplemented by studies in commercial law, accounting and economics, will produce not only a proficient man of business, but a man of great value to himself, his family, and the community. At Ohio University a student may prepare for a business career by taking an A. B. in commerce.

Electrical and Civil Engineering

Ohio University does not offer four-year courses in engineering, but has scheduled a number of elective subjects in electricity and civil engineering. The work in electricity is connected with the department of physics, and that of civil engineering with the department of mathematics. A student can meet the requirements of the A. B. course and at the same time during his four years elect enough electrical or civil engineering work to fit himself for practical activity in these departments. Or he may take a two-year course, devoting himself exclusively to either one of these subjects, and then finish his course in a purely technical school or he can find employment in his specialty.

For Those Who Wish to Teach

"Can a student graduate from the College of Liberal Arts and at the same time meet the new professional requirements for a four-year high school provisional certificate?" He can. While meeting the requirements of the A. B. course, he may elect the thirty hours of professional work. The law makes the following demand:

- (A) Practice Teaching 3 hours
 (B) Other professional subjects.

At least twelve semester hours distributed among the following subjects, with not less than two semester hours in each subject:

- (1) History of Education.
- (2) Science of Education, or Principles of Education.
- (3) Methods of Teaching, General and Special.
- (4) School Organization, including School Management, Class-Room management, and School Laws.
- (5) Psychology, General Psychology, Educational Psychology, Paidology

The number of semester hours in any of the above courses may be increased, and if the total does not reach thirty, the remaining semester hours may be chosen from the field of Experimental Psychology, Sociology, Ethics, and Philosophy.

FOUR-YEAR COURSE IN COMMERCE

(A. B. in Commerce)

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English Composition	3	English Composition	3
Principles of Economics	3	Principles of Economics	3
Accounting I	4	Accounting II	4
Foreign Language	4	Foreign Language	4

SECOND YEAR

Accounting III	3	Accounting Problems and Systems....	3
Commercial and Industrial Geography	3	Commercial Law	3
Foreign Language	3	Foreign Language	3
Business Correspondence	3	Business Correspondence	3
Elective in Economics	2	Elective in Economics	2
Industrial History	2	Sociology	2

THIRD YEAR

A Natural Science	3	A Natural Science (Continued).....	3
Negotiable Contracts	2	Corporation Finance	2
Corporation Accounting and Law....	3	Money and Banking	3
Advertising	3	Advertising	3
Elective	4	Elective	4

FOURTH YEAR

Labor Problems.....	3	Railway Transportation in the U. S. . .	3
Industrial Management	2	Commercial Seminar	1
Auditing	3	Cost Accounting	2
Salesmanship	3	Salesmanship	3
Elective	3	Elective	6

Permission may be obtained to make substitutions in the above course, but those who receive the degree must have had 60 semester hours in Commercial and Economic studies.

The course leading to the degree of Bachelor in the Science of Education in Commerce is outlined along with the courses offered in the State Normal College.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF MUSIC

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
Piano, or Voice, or Violin.....	4	Piano, or Voice, or Violin.....	4
Harmony	2	Harmony	2
Musical History	2	Musical History	2
Spanish or French	4	Spanish or French	4
English Composition	3	English Composition	3

SOPHOMORE YEAR

Piano, or Voice, or Violin.....	4	Piano, or Voice, or Violin.....	4
Harmony	2	Harmony	2
Spanish or French	4	Spanish or French	4
English Literature	3	European History	3
European History	3	English Literature	2

JUNIOR YEAR

Piano, or Voice, or Violin.....	4	Piano, or Voice, or Violin.....	4
Counterpoint	3	Counterpoint	3
Spanish or French	2	Spanish or French	2
Psychology	3	Psychology	3
English Literature	2	English Literature	2

SENIOR YEAR

Piano, or Voice, or Violin.....	4	Piano, or Voice, or Violin.....	4
Interpretation and Form	3	Interpretation and Form	3
Instrumentation	3	Instrumentation	3
Spanish or French	2	Spanish or French	2
Science of Education or Philosophy of Logic	3	Science of Education or Philosophy of Logic	3

COURSE IN PERSONNEL TESTING AND SELECTING LEADING TO THE DEGREE OF THE BACHELOR OF ARTS

*(For the Training of Supervisors in the Testing and Selecting
of the Personnel in Concerns and Institutions)*

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
English Composition	3	English Composition	3
General Biology	3	General Biology	3
Mathematics	5	Mathematics	5
Foreign Language	4	Foreign Language	4

SOPHOMORE YEAR

Language (Foreign or English)	3	Language (Foreign or English)	3
Physics or Chemistry	4	Physics or Chemistry	4
European History	3	European History	3
Psychology (Introductory)	3	Psychology (Economic)	3
Mechanical Drawing	2	Manual Training	2

JUNIOR YEAR

Principles of Economics	3	Principles of Economics	3
Accounting	4	Commercial Law	3
Sociology	2	Ethics	3
Psychology (Experimental)	3	Psychology (Experimental)	3
Elective	3	Elective	3

SENIOR YEAR

Labor Problems	3	Monopolies and Trusts	3
Psychology (Social)	3	Psychology (Abnormal)	3
Industrial Management	2	Corporation Finance	2
Psychological Clinic and Seminar....	1	Psychological Clinic and Seminar....	1
Elective	6	Elective	6

The faculty adviser for this course in personnel testing and selecting is Professor Chrisman, whose office is in Manasseh Cutler Hall, second floor, north-east room.

DETAILED STATEMENT OF THE DEPARTMENTS OF INSTRUCTION

COLLEGE OF LIBERAL ARTS

Odd numbers designate first semester courses.

Even numbers designate second semester courses.

ENGLISH LANGUAGE AND LITERATURE

PROFESSOR CHUBB

ASST. PROF. MACKINNON

ASST. PROF. JEFFERSON

ASST. PROF. CHERRINGTON

The aim of the English Department is two-fold: to train the power of expressing thought, and to cultivate an appreciation of literature. In the classes in rhetoric, the main stress is placed upon the actual work in composition done by the student. In the study of literature the endeavor is to quicken the artistic and æsthetic sense.

When studying literature, emphasis will also be placed upon the practice of composition, and in the classes in rhetoric much attention will be given to the study of literature.

All Elective courses require Freshman English as a prerequisite.

101. Freshman English. Required of all students. There are two definite purposes: (a) The endeavor to increase the student's power of self-expression through emphasis upon practice in oral and written composition; (b) A systematic preliminary survey of English literature. There will be seven sections.
3 hours

102. Freshman English. Continuation of course 101.

103. Survey of English Literature. The emphasis of the course is on the historical developments and types of English literature. Prerequisite, courses 101 and 102. 3 hours

104. Survey of English Literature. Continuation of course 103. 3 hours

105. Shakspeare. A study of the comedies and English historical plays. Lectures, collateral readings, papers and class discussions. 3 hours

106. Shakspeare. Continuation of course 105 with emphasis on the great tragedies. 3 hours

107. History of Modern American Literature. A course dealing with American literature since 1870. Open to Sophomores, etc. 2 hours

108. Tennyson and Browning. Prerequisite, courses 101, 102. 2 hours

109. The Romantic Movement in English Literature; Eighteenth Century. The course will trace the beginnings of the movement with the Spenserians, Miltonic School, Chatterton, Ossian, the Gothic Romance, etc. For Juniors and Seniors. 3 hours

110. The Romantic Movement in English Literature; Nineteenth Century. A continuation of course No. 109. Begins with the culmination of the movement with Scott, touches upon the movements in France and Germany, and ends with the Pre-Raphaelities and diffused romanticism of the latter part of the century. 3 hours

111. European Drama. A cursory view of the development of the drama in continental Europe from the time of Aeschylus to Henrick Ibsen. The field includes Greek tragedy, Latin comedy, the Spanish and French drama of the seventeenth century, French comedy of the eighteenth century, French, German, Italian, and Norwegian drama of the nineteenth century. Open to Sophomores, etc. 2 hours

112. Modern Drama. A continuation of course No. 111. Some of the most important plays will be read from such men as Ibsen, Strindberg, Sudermann, Hauptmann, Maeterlinck, Rostand, Pinero Shaw, Jones, Galsworthy, Barrie, Fitch, Moody, etc. Open to Sophomores, etc. 2 hours

113. Advanced Composition. The course will deal mainly with the Short Story, but may be varied to suit the needs of the class. Open only to those who have shown superior ability in courses 101 and 102.

114. Contemporary Literature. A fee of from one to two dollars from each student will provide a fund for buying some of the more important books appearing at the time of the course. These books, selected from different fields, will be read and reviewed by the class and then sold to them by auction, the money thus obtained being used to extend the purchasing fund. In addition the class will keep in close touch with the leading periodicals, and one New York paper. Open only to Juniors and Seniors. 2 hours

115. English Prose Fiction. A study of the development of the English novel. Instruction will be mainly by lectures. Each student will be expected to report upon a list of twelve novels, selected from different periods. Open to Juniors and Seniors. 3 hours

116. Byron, Keats, and Shelley. A study of the most important poems. 2 hours

117. Chaucer. A study of the chief writings of Chaucer in relation to his times and his literary development. 2 hours

118. Milton. A study of the poems of Milton. 2 hours

GREEK

PROFESSOR TAYLOR

The Greek department has three principal aims:

1. To give the student an intelligent appreciation of the literature and thought of the classical Greek civilization.

2. To provide a necessary key for the interpretation of the large parts of English and American literature written by authors whose mental environment was Greek literature.

3. To give to students of the natural and social sciences a facility in the interpretation in their own fields of technical terms, which continue to be coined from the language of the people who invented science.

With these ends in view the teaching and courses are designed to introduce the student to the masterpieces of Greek literature with a minimum expenditure of time on the necessary elements of grammar.

101, 102. Beginners' Greek. In this course the student will be expected to acquire the elements of grammar, a working vocabulary and some experience in reading easy, graded selections from many of the classical authors. 4 hours

103. Greek Tragedy. A play of Euripides will be read in Greek and one by Sophocles and Aeschylus in English translation. The course will involve a criticism of Greek tragedy with the reading in Greek of parts of Aristotle's *Poetics*. 4 hours

104. The Life and Death of Socrates. Plato's *Apology* and *Crito* will be read in Greek and discussed along with allied Platonic dialogues in relation to the history of philosophy. 4 hours

105. The Greek Historians. Selections from Herodotus and Thucydides will be read to illustrate important epochs in Greek history. 3 hours

106. The Greek Epic. Parts of Homer's *Iliad* and *Odyssey* will be read in Greek and the remainder in English translation. These two poems will be discussed in the light of Aristotle's criticism and as standards for later epics.

107, 108. New Testament Greek. 2 hours

109. Advanced Greek History. 2 hours

110. Greek Drama in English. 2 hours

DEPARTMENT OF LATIN

PROFESSOR EVANS

ASSISTANT PROFESSOR MOORE

W. LORING HALL, *Instructor*

101. Cicero and Livy. First half *De Senectute*; second half *Livy* 1. Prose composition weekly. Prerequisite. Four years High School Latin. Freshman year. First Semester. 4 hours

102. Horace Odes. Particular attention to Mythology, also to the meters, and beliefs of Horace. Continuation of Course 101. Freshman year. Second Semester. 4 hours

103. Roman Oratory. Cicero's *De Oratore* and Quintilian's *Institutions*, with discussions of the preparation of the orator and his influence. Sophomore year. First Semester. 3 hours

104. Juvenile Satires with assigned topics on the history of the satirists. Sophomore year. Second Semester. 3 hours

105. Roman Constitutional History and Political Institutions. 2 hours

106. Roman Law. 2 hours

107. Study of Roman Life in Social, Business, and Professional Relations. 2 hours

108. Teachers' Latin. A progressive course in Latin Composition and discussion of value to the study of Latin; and methods of teaching the language. Prerequisites: Knowledge of Caesar, and Cicero's Orations. 2 hours

109. A Course in Roman Elegies. 2 hours

110. Latin Hymns with assigned topics on Patristic Latin. 2 hours

Latin literature gives us, when we have mastered the language, a view of human life in a civilization as complex as our own, though different from it. Ancient Rome was the great turnstile of history. Toward it all preceding history converged, and from it all subsequent history has radiated, and the Latin was the language of a people who had gleaned the best of all that had gone before. The genius and the energy of the people are reflected in their language. Its sentences are, as it were, bundles made up of directness, terseness, and force, and the endeavor in the Latin course is to study in this light the literature and history of this moral and mighty people, who were able to make the citizenship and language of Rome the coveted privilege of the world, and who furnished the fundamental lessons for modern thought.

MATHEMATICS AND CIVIL ENGINEERING**Mathematics**

PROFESSOR R. L. BORGER

INSTRUCTOR

The courses of the department of mathematics are arranged to meet the usual college standards. The work of the Freshman and Sophomore years is so planned that the subject-matter of these courses may be available in the later training of the regular college student. It is, moreover, of such scope and character as to qualify one completing it to continue his studies elsewhere without repeating any of his previous mathematical work.

The courses of the Junior and Senior years are all elective. To those desiring to specialize later in mathematics this offers a valuable opportunity. It will be so maintained as to enable them to pursue their graduate studies without any break in the community of their training.

The following comprise the courses offered:

101. College Algebra. A short review of factoring, fractions, simple equations, theory of exponents followed by the theory of quadratic equations, the progressions, limits, infinite series, and theory of equations. Prerequisite, High School Algebra. Three hours, first semester.

Text: Rietz and Crathorne's *College Algebra*.

101a. Plane Trigonometry. The definitions of the six ratios, and the relations among them; the addition theorems; functions of the double and half angles; the solutions of triangles. Two hours, first semester. Prerequisite same as for 101.

Text: Rothrock's *Plane and Spherical Trigonometry*.

102. Analytic Geometry. The study of the straight line, the circle, functions and their graphs, transformation of coordinates, polar coordinates, the conic sections, transcendental curves and equations, tangents to curves, parametric equations and loci, Cartesian coordinates in space, the plane, the straight line, and the quadric surface. Five hours, second semester. Prerequisite 101, and 103.

Text: Smith and Gale.

105 and 106. Differential and Integral Calculus. The space of this course, which continues through both semesters of the sophomore year, four hours per week is indicated below:

The study of variables and function, theory of limits, differentiation and applications, successive differentiation, maxima and minima, differentials, curvature and radius of curvature.

Theorem of the mean, indeterminate form, partial differentiation, expansion of functions in series, applications to higher plane curves integration, the definite integral as an inverse process, the definite integral as the limit of a sum and a short study of the commoner types of ordinary differential equations. Prerequisite Courses 101, 102, 103.

Text: Love's *Differential and Integral Calculus*.

107. Theory of Equations and Determinants. Systems of simultaneous linear equations, the necessary and sufficient conditions that a system of simultaneous linear equations be consistent. Theory of matrices and determinants, and the study of the solutions of algebraic equations of higher degrees. A course of lectures. Three hours, first semester, Junior year.

108. Solid Geometry. Three hours, second semester. Junior year. Text: Snyder and Sisam.

109-110. Analytic Mechanics. Three hours, Junior year.

Text: Smith and Longley.

116. Differential Equations. Three hours one semester open to Juniors and Seniors. The solutions of the differential equations usually classified under a few standard forms, and such others as arise in Physics. Text: Cohen's *Differential Equation*.

111-112. Astronomy. This course is intended to cover such a treatment of astronomy as may be acquired without any mathematical training beyond trigonometry. Moulton's *Introduction to Astronomy* will be used. Three hours throughout the year.

113-114. Advanced Calculus. This is a more precise presentation of the Calculus than can be offered in a first course. It is to be based on the Goursat-Hedrick *Mathematical Analysis*. Three hours throughout the senior year.

CIVIL ENGINEERING

LEWIS J. ADDICOTT, C. E., *Professor of Civil Engineering*

F. L. PLUMMER, *Assistant*

Limit of Course—The course covers a period of two years, in that time such subjects are considered as will prove most beneficial in active work. Drafting-room and field practice make up large part of the course.

Equipment—The department is located in the building known as East Wing, and is well equipped with instruments for Field Work and Draughting Room work. The cement testing laboratory is well equipped with modern testing apparatus. Every effort is made to put such instruments into the hands of the students, for practice work as he will be required to use in actual work.

Reference Work—The leading periodicals and magazines relating to Civil Engineering are in the department library, and many others are in the Carnegie library, all of which are accessible to the students at all times.

Ohio University does not offer regular engineering courses, but has scheduled a number of elective subjects in civil engineering that can be taken in connection with the regular scientific course.

SCIENTIFIC COURSE WITH CIVIL ENGINEERING ELECTIVES

The following Scientific Course with Civil Engineering electives will lead to the Bachelor of Science Degree in four years:

First Year

FIRST SEMESTER—English Composition, 3; Mathematics, 5; French, 4; Chemistry, 4.

SECOND SEMESTER—English Composition, 3; Mathematics, 5; French, 4; Chemistry, 4.

Second Year

FIRST SEMESTER—Analytatics and Calculus, 3; 2; Physics, 4; Descriptive Geometry, 3; Mechanical Drawing, 2.

SECOND SEMESTER—Calculus, 3; Physics, 4; Descriptive Geometry, 2; Surveying and Leveling, 3; Mechanical Drawing, 2

Third Year

FIRST SEMESTER—English Literature, 3; Applied Calculus, 3; Advanced Chemistry, 3; Railroad Engineering, 4; History, 3.

SECOND SEMESTER—Applied Calculus, 3; Advanced Chemistry, 3; Sanitation, 3; Elements of Mechanics, 3; Topographic Surveying, 3.

Fourth Year

FIRST SEMESTER—Civil Engineering, 4; Reenforced Concrete, 3; Geology, 3; Economics, 3; Thesis, 3.

SECOND SEMESTER—Civil Engineering, 4; Details of Construction, 3; Commercial Law, 3; Thesis, 3.

The completion of the above course entitles the student to the degree of Bachelor of Science, and a certificate, stating that he has completed the short course in Civil Engineering.

SHORT COURSE

For those, who for any reason are unable to undertake the above course, the following short course in Civil Engineering is provided, the completion of which entitles the student to a certificate certifying to the character of the work completed:

First Year

FIRST SEMESTER—English Composition, 3; Mathematics, 5; Descriptive Geometry, 3; Mechanical Drawing, 2; Electricity, 4.

SECOND SEMESTER—English Composition, 3; Descriptive Geometry, 2; Elements of Mechanics, 3; Surveying and Leveling, 3; Electricity, 2; Mechanical Drawing, 2.

Second Year

FIRST SEMESTER—Railroad Engineering, 4; Civil Engineering, 4; Reenforced Concrete, 3; Mathematics, 3.

SECOND SEMESTER—Civil Engineering, 4; Topographic Surveying, 3; Details of Construction, 3; Mathematics, 3; Commercial Law, 3.

In the first year those who desire may substitute a year's work in chemistry, or a modern language for the work in electricity.

COURSES OFFERED

103.	Descriptive Geometry.	3 hours
104.	Descriptive Geometry. Continuation of course 103.	2 hours
105.	Mechanical Drawing. Must be taken with 103 and 104.	2 hours
106.	Mechanical Drawing. Continuation of course 105.	2 hours
110.	Elements of Mechanics. Prerequisite, Trigonometry.	3 hours
116.	Surveying and Leveling. Prerequisite, Trigonometry.	3 hours
119.	Railroad Engineering. Prerequisite, course 116.	4 hours
121.	Civil Engineering. Prerequisite, course 110.	4 hours
122.	Civil Engineering. Continuation of course 121.	4 hours
125.	Reenforced Concrete. Prerequisite, course 110.	3 hours
126.	Details of Construction. Prerequisite, course 110.	3 hours
130.	Topographic Surveying. Prerequisite, course 116.	3 hours

EXPLANATORY STATEMENT

The course in Civil Engineering is designed to give the student a thorough and practical training in the various subjects offered; and to give field and draughting-room practice of such nature as will prepare him for active work.

A large number of young men have taken this Short Course, and have found very satisfactory positions after completing the work.

The work in Mechanical Drawing continues throughout the Freshman year, and embraces twenty-four plates. Much attention is given to lettering. Cross's *Mechanical Drawing* and Reinhardt's *Lettering* serve as guides in this work. The work in Descriptive Geometry continues throughout the Freshman year. During the first semester the work consists of recitations and problems relating to the right line, curved line, planes, tangents, and normals; to cylindrical, conical, and warped surfaces and to their intersection. About fifteen original problems are required; Shades, Shadows, and Perspective are taken up during the second semester. Higbee's *Descriptive Geometry*, is the text used. Merriman's *Elements of Mechanics* is taken up during the second semester. The work in the text-book is supplemented with additional problems.

Leveling and Surveying, of the second semester, consists of three hours per week of recitations and one afternoon per week of field work, embracing the following: Chain, Compass and Transit Surveying; the use of the Plane Table and Leveling.

The student is required to keep his field notes in proper form, to plat all surveys, and to make profiles of the level lines run. Conventional methods are used in all work. Lyman's *Surveying* is the text used.

The work in Railroad Engineering is taken up during the first semester of the second year. This consists of three hours per week of recitations and one afternoon a week of field and draughting-room work. A preliminary survey for a railroad is made and the topography taken. A contour map is drawn and a location projected. The text used is Searls & Ives' *Field Engineering*.

The subject dealing with Details of Construction, as given in the second semester, consist of two recitations per week and

one afternoon of drawing. Each student designs and completes the working drawing, with blue prints, of a wood and steel truss. *Conklins Structural Steel Drafting and Elementary Design* is the text used.

Fieberger's *Short Course in Civil Engineering* is the textbook used, in discussing the various subjects offered under the general head of Civil Engineering. The course is given throughout the entire year and embraces the following subjects: Loads on Beams, Trusses of all kinds. Graphics, Dams, Retaining Walls, Hydraulics, Water Supply, Sewer Construction and Pavements.

During the second semester the work in Topographic Surveying is taken up and embraces the following: The accurate measurements of a base line, and triangulating a given section. The topography is taken by means of the stadia and hand level. From the survey a map is made and contour lines are drawn; conventional signs are used to represent the different structures and objects that appear upon the map.

Taylor and Thompson are the authors of the text used in the courses offered in Reenforced Concrete. This course is intended to familiarize the student with the various forms of construction, where cement or concrete is used.

The work in Mathematics, Science, and English is done in the regular University classes.

Students of the Engineering Department wishing to take advanced standing in other institutions can do so by taking the required amount of Mathematics, Language, English, etc., in the regular classes of the University.

Students are urged to take the scientific course and elect their work from the subjects offered in Civil Engineering.

This will enable them to complete a regular scientific course and at the same time complete all the work offered in the short course in Civil Engineering.

PHYSICS AND ELECTRICAL ENGINEERING

PROFESSOR ATKINSON

O. E. MCCLURE, *Assistant Professor*G. E. MCCLAUGHLIN, *Instructor*D. S. GRONES, *Instructor*

The department occupies two floors in Science Hall and a part of the basement of Ewing Hall. The drafting required of the engineering students is done in the department of Civil Engineering, and the power plant practice and testing at the new college power and heating plant near the B. & O. railroad station, and in the dynamo and motor laboratory located in the basement of Science Hall. Science Hall also affords facilities in the way of various rooms for the differentiation of the different phases of the work in the department, in the way of library and reading room containing reference books and periodicals, and in apparatus and other conveniences for the performance of the work scheduled. In Physics are offered courses meeting the requirements of the catalog and the options there specified. Besides, advanced courses are offered for those who have met the requirements and desire to specialize in the subject, either in the preparation for teaching it, or for pursuing it further in a university.

In Electrical Engineering is offered a complete elective course which may be taken by those students pursuing the A. B. course in science who desire to specialize in Electrical Engineering in the preparation for practical work, or for the further pursuit of the subject in a technical school. Also a diploma course of two years is scheduled for those who have a diploma from a first grade high school, or its equivalent, and who desire to go into practical engineering.

101. Elementary Physics. Class work with experimental demonstrations, given throughout the fourth year of all the preparatory courses. Required of those also who do not present Physics for entrance.

No previous knowledge of Physics presupposed. Prerequisites, Elementary algebra and plane geometry. 3 hours

101a. Elementary Physics. A laboratory course accompanying 101, and given under the same conditions. 2 hours

102. Elementary Physics. Continuation of 101 in the second semester. 3 hours

102a. Elementary Physics. Continuation of 101a in the second semester. 2 hours

103. Descriptive Physics. A recitation and lecture course given in the freshman year for students not taking mathematics, or those who desire a more complete knowledge than acquired in high school. This course offers the opportunity to students requiring six semester hours of physical science in the Natural Science Group to meet this requirement.

It should be taken by those also in preparatory medicine in conjunction with course 107a to meet the eight hour requirement of medical schools, unless such students are prepared to enter course 105. It lays emphasis on practical applications of the principles studied, using only a minimum of elementary mathematics. Prerequisites, courses 101a and 102a and entrance mathematics. 3 hours

104. Descriptive Physics. Continuation of course 103 in the second semester.

105. General Physics. This is a sophomore course designed for those electing science and who require a course in college Physics. The work will include the discussion of the general principles of the subject, and the interpretation of their physical meaning and their application in the solution of problems. Prerequisites, courses 101, 102, 101a and 102a, and a course each in elementary trigonometry and chemistry. 3 hours

Course 107 must in every case accompany course 105.

106. General Physics. Continuation of course 105 in the second semester.

Course 108 must accompany course 106.

107. Physical Laboratory. A course of about fifteen or twenty well chosen experiments of an advanced character typical of the various phases of the subject of Physics 107 and 108 will be distributed throughout the year, following closely the courses 105 and 106, along with which 107 and 108 must be taken. 2 hours

107a. Physical Laboratory. A laboratory course adapted from 107 for preparatory medical students only. This is to accompany the class course 103. 2 hours

108. Physical Laboratory. Continuation of course 107 in the second semester.

108a. Physical Laboratory. Continuation of course 107a in the second semester.

109. Advanced Physical Measurements. The first semester's work will include measurements in mechanics, heat and sound; the second in electricity and magnetism and light; notes are required containing the full development of the theory of each experiment. Prerequisite, courses 105, 106, 107 and 108 and an elementary knowledge of analytical geometry and calculus. Students electing this course should have a reading knowledge of German and French. 3 hours

110. Advanced Physical Measurements. Continuation of course 109 in the second semester.

112. Molecular Physics. A study of kinetic theory, capillarity surface tension and solution. This course is optional with 114. Prerequisite, courses 105, 106, 107, 108, 109 and 110. This course is given only when the number of students is sufficient to justify its being offered. 2 hours

113. Electric Waves. A discussion of the theory of electric waves, their generation, transmission and detection; also their application in wireless telegraphy and telephony. This course alternates with 115. Prerequisite, 105, 106, 107, 108. 3 hours

114. Elements of Thermodynamics. Prerequisite, the same as for 112, and a knowledge of calculus and a general course in chemistry; if possible, also a course in physical chemistry. Optional with 112, and offered on the same conditions. 3 hours

115. Light. Alternates with 113. This is a course in Physical Optics for those specializing in Physics. Prerequisite, the same as for 112. 3 hours

117. Non-Technical Physics of Common Things. A study of the natural philosophy of the phenomena and physical processes occurring all about us. This course is especially suitable for students in Home Economics, Agriculture, Manual Training and other courses involving the application of physical principles, but who should not be required to enter the more technical courses in Physics. Class, 3 hours; laboratory, 1 hour

118. Non-Technical Physics. Continuation of course 117 in the second semester.

120. Pedagogy of Physics. Given upon request of a sufficient number to justify its being offered. Discussion of the choice of subject-matter and the methods of presentation best suited to students in Elementary Physics, and arranged for teachers and prospective teachers of Physics in the high school. Students should have at least one course in Physics in addition to Entrance Physics. 3 hours

121. Electrical Laboratory. A series of tests on direct current generators and motors of different types. Prerequisite, one course in laboratory physics in addition to entrance physics. This course is required of electrical engineers. 3 hours

122. Electrical Laboratory. A series of tests on alternating current generators, motors, transformers and rotary converters. Prerequisite for general students, courses 105, 106, 107 and 108; preferably also 125 and 126. This is a regularly required subject in the electrical engineering course. 3 hours

123. Electrical Engineering. A study of primary cells, electric circuits, electromagnets and the magnetic circuit, electromagnetic induction, measurements, measuring instruments, direct current generators and motors.

Required of electrical engineers and elected by students in advanced physics. 3 hours

124. Electrical Engineering. A continuation of 123, including storage batteries, elementary principles of alternating currents, a. c. generators and motors, transformers, the distribution of power, electric lighting, electric traction. 3 hours

125. Electrical Engineering. Fundamental relations in alternating currents based on the sine curve, a study of series and of parallel circuits, power and power factors, capacity and inductive reactances. Required of students in electrical engineering. May be elected by others prepared to take the course. 3 hours

126. Electrical Engineering. A continuation of 125, including a detail study of a. c. and polyphase generators, motors, wave forms, armature windings, switchboard design. 3 hours

127. Gas Engines. A course on the construction and principles of gas engines, and of the various auxiliary apparatus. For engineers (required) and others interested. Must have had one year of college work. 2 hours

128. Steam Engineering. A companion course to 127 devoted to steam engines, steam turbines and their auxiliaries. Spring semester. 2 hours

129. Theory of the Measurement of Resistance, Current, E. M. F., capacity, inductance and other electrical quantities. 2 hours

129a. Laboratory Work to Accompany 129. 1 hour

SCIENTIFIC COURSE WITH ENGINEERING ELECTIVES

First Year

FIRST SEMESTER—English Composition, 3; Mathematics, (Algebra and Trigonometry), 5; Modern Language, 4; Chemistry, 4.

SECOND SEMESTER—English Composition, 3; Mathematics (Analytics), 5; Modern Language, 4; Chemistry, 4.

Second Year

FIRST SEMESTER—Calculus, 5; Technical Modern Language, 4; Descriptive Geometry, 3; Physics, 4.

SECOND SEMESTER—Calculus, 5; Technical Modern Language, 4; Descriptive Geometry, 3; Physics, 4.

Third Year

FIRST SEMESTER—English Literature, 3; Electrical Engineering, 3; Mathematics, or Advanced Chemistry, or Advanced Physics, 3; Economics or History, 3; Mechanical Drawing, 2; Shop, 2.

SECOND SEMESTER—Electrical Engineering, 3; Mathematics, or Advanced Chemistry or Physics, 3; Steam Engineering, 2; Surveying, 3; Mechanical Drawing, 2; Shop, 2.

Fourth Year

FIRST SEMESTER—Electrical Engineering, 3; Electrical Laboratory, 3; Gas Engines, 2; Electrical Measurements, 3; Mechanical Drawing, 2; Shop, 2.

SECOND SEMESTER—Electrical Engineering, 3; Electrical Laboratory, 3; Advanced Physics, 3; Commercial Law, 3; Mechanical Drawing, 2; Shop, 2.

Upon completion of this course the student is entitled to the degree of Bachelor of Science, and a diploma in Electrical Engineering.

SHORT COURSE

For those who are unable to undertake the above course, for any reason, the following short course is provided, leading to a certificate testifying to the completion of the work.

First Year

FIRST SEMESTER—English Composition, 3; Mathematics (Algebra and Trigonometry), 5; Direct Currents, 3; Descriptive Geometry, 3; Mechanical Drawing, 2; Shop, 2.

SECOND SEMESTER—English Composition, 3; Direct Currents, 3; Elements of Mechanics, 3; Descriptive Geometry, 2; Steam Engines, 2; Mechanical Drawing 1; Shop, 2.

Second Year

FIRST SEMESTER—Alternating Currents, 3; Dynamo Laboratory, 3; Gas Engines, 2; Electrical Measurements, 3; Physics or Chemistry, 3; Mechanical Drawing, 1; Shop, 2.

SECOND SEMESTER—Alternating Currents, 3; Dynamo Laboratory, 3; Physics or Chemistry, 3; Surveying, 3; Mechanical Drawing, 1; Shop, 2.

BIOLOGY AND GEOLOGY

W. F. MERCER, *Professor*

B. E. MERCER, *Instructor*

R. M. MALONE, *Assistant*

This department embraces all the subjects properly belonging to Biology, together with Inorganic and Organic Geology.

The course in Preparatory Physiology aims to give a good general knowledge of Anatomy and Hygiene, and the functions of the different organs. Occasional dissections are performed before the class, and some laboratory work is required of all. In the collegiate course this subject is studied by more advanced methods. Osteology receives close attention, and each student is expected to give some attention to dissection, besides making a practical study of a few histological structures. Physiological principles and theories are discussed according to the latest investigations, and, in this connection, experiments are performed in the laboratory. The department is supplied with a valuable skeleton and superb French anatomical models. (For more advanced work in Anatomy and Physiology, see Preparatory Medical Course.)

The University is thoroughly equipped for work in General Biology. A biological laboratory has recently been completed and fitted up with modern apparatus, including a steam sterilizer, fine optical appliances, dissecting instruments, water baths, paraffin bath, CO² freezer, Minot, Microtone, etc. The student is given practical training in Microscopy and is taught the process of staining and preparation of permanent mountings.

At an early stage of work in Geology, such objective study of minerals is pursued as will enable the student to comprehend the composition of rocks, which is next taken up. To supplement the text, lectures may be given from time to time upon Dynamical, Structural, and Palaeontological Geology, and these subjects are further studied in the field. A large cabinet of minerals is open at all times to lead the student of Geology.

The stereopticon is in constant use in the Departments to illustrate the lectures. The facilities for making lantern slides are such that many additions are made annually to the already quite complete set of over eight hundred slides.

Current Journals—American Naturalist, Science, American Journal of Anatomy, Biological Bulletin, Ohio Naturalist, Journal of Experimental Zoology, Nature-Study Journal, Popular Science Monthly, Journal of Geology, Economic Geology, Journal of Morphology, Science Progress, and the reports of all the leading scientific societies.

COURSES OFFERED IN THE DEPARTMENT OF BIOLOGY AND GEOLOGY

FIRST SEMESTER		SECOND SEMESTER	
General Biology	(3)	General Biology	(3)
Chordate Zoology	(3)	Chordate Zoology	(3)
Physiology	(3)	Physiology	(3)
Physiology	(3)	Physiology	(3)
Bacteriology	(5)	Historical Biology	(2)
Histology	(5)	Embryology	(3)
Next Generation	(1)	Seminar	(1)
Seminar	(1)	Geology	(3)
Geology	(3)	Entomology	(2)
Sanitation	(2)	Neurology	(2)
Physiology and Hygiene Preparatory	(4)		

For all special courses in Botany see department of Civic Biology and Botany.

Courses 101 and 102 are required for all students electing Biology in the College of Liberal Arts.

101. General Biology. This course will be a study of type forms, both animal and plants. The comparison of the cell in all lower forms will be made both in laboratory and in class room. Comparative physiology will not be lost sight of at any point throughout the entire course. This course is open to Freshmen and is a prerequisite for all advanced courses in the department. History of the development of the biological science will be made a part of this course. 3 hours

102. General Biology. Continuation of course 101.

3 hours

103. Chordate Zoology. This course includes all of the Phylum Chordata. The type forms studied are the amphioxus, the dog-fish, the perch, the frog, the turtle, the English sparrow, and the cat or the rabbit. A careful dissection is made of all these forms, but more time is spent on the frog than on any of the other forms except the cat. The muscular, the nervous, the digestive, the circulatory, and the respiratory systems are compared in each case to show their relationship and their advancement as we ascend the scale in chordata. Open to all Freshmen. 3 hours

104. Chordate Zoology. Continuation of course 103. 3 hours

107. Physiology. This course will consist of at least two lectures or recitations one hour each, and one laboratory section of two hours each week throughout the year. The laboratory work for the first semester is the study of the structures of the body by the use of prepared slides and the microscope. Drawings are made to represent what the student sees as he goes from structure to structure. The laboratory work for the second semester is the demonstration of the function of the different parts of the body. Experimental physiology and hygiene is made a large part of this course. Prerequisite, one course in physics, and one in general biology or college botany. 3 hours

108. Physiology. Continuation of course 107.

109. Physiology. In this course the frog is used to a large extent in performing the experiments in the first semester. A complete set of Harvard apparatus is supplied for use in this course. The activities of the muscles and all the vital organs are observed and tracings made in many cases. The relation of the nerves to the muscles is shown in many ways, including the central nervous system and the sympathetic system. Chemical physiology will occupy the second semester. Prerequisite, one year of physics and chemistry. 3 hours

110. Physiology. Continuation of course 109.

113. Bacteriology. The laboratory work in this course is mainly technic. The student prepares all the common media, inoculates specimens of many of the different forms of bacteria and studies the growth and action of the same.

The lectures connected with this course are designed to bring out the relation of the subject to hygiene and the basic relations of bacteria to disease. The history of the subject and its relation to Scientific Medicine are also brought out.

The work is so arranged that a person desiring to get a theoretical knowledge of the subject can enter the lecture and get half credit in hours. Course is given for the medical and the general college students. Open to Freshmen. 5 hours

115. Histology. This course includes a careful study of technic, taking fresh tissue and carrying it through to the finished slide by the most approved and modern methods.

The student also makes a study of the finished slide and makes drawings of many type tissues. This course is designed thoroughly to fit the student preparing for the study of medicine as well as to give the student in general a thorough idea of the structure of the human body preparatory to the study of Physiology. A careful study of the nervous system is made during the last half of the year in this course. 5 hours

117. Next Generation. Course in heredity beginning with the lower forms and following the laws there outlined up through the higher forms, including man. 1 hour

118. Embryology. In this course the student follows carefully the development of the chick, made slides of the embryo at different ages from four hours up to seventy hours, and prepares museum specimens of the chick from that to twenty-one days. He supplements his work with careful reading and comparison with the development of the mammal, and makes dissections of a fetus of pig or cow. Serial sections of pig embryos from 5 *mm.* to 30 *mm.* are studied throughout the entire course. 3 hours

119. Seminar. This course is a study of the current literature bearing on the subject of investigation in biological science. 1 hour

120. Seminar. Continuation of course 119.

121. Geology. Course 121 is an advanced course in Physiography. Some study of minerals is made. Field trips are a prominent feature.

Course 122 is one of Historical Geology; a study of evolution as outlined by the fossils.

It is strongly advised that this course be taken after a year's work in Physics, Chemistry, and General Biology. Course 121 is prerequisite for course 122.

122. Geology. Continuation of course 121.

123. Sanitation. This course will be an advanced course in Hygiene and presupposes a thorough knowledge of Physiology. Nothing less than a first-class high-school course in Physiology will be accepted. This course will, in no sense, take the place of the course in Elementary Physiology, described above. A good practical knowledge of bacteria and their relation to disease will be obtained. The laboratory work will be largely the culture and the observation of bacteria both in a general way and with the microscope. Fundamental questions of sanitation, both municipal and personal, will be discussed. Summer Term and first semester. Open to Freshmen. 2 hours

124. Entomology. This course is offered for the Summer Term. It will be an advanced course in Nature Study, consisting of a large amount of field work and the making of a collection of insects. The lectures will consist of a discussion of some of the larger economic questions of the relation of insects and plants. The laboratory work will consist of the study of some typical forms of insects. 2 hours

DEPARTMENT OF MEDICAL SCIENCE

It is desirable in many cases that students looking forward to the medical profession should, after spending four years in collegiate work, be admitted to advance standing in medical schools, whereby a year's time might be gained. With this object in view, the Department of Biology now offers such work as is in conjunction with Physics and Chemistry recognized by the best of these schools as the full equivalent of a year's professional study.

The laws in many states are such that no time credit can be given for this work, but our students get credit in all the Medical Colleges for subjects completed, which gives them time to specialize in some subject during their medical course. The advantage of this cannot be overestimated.

The Departments of Physics and Chemistry furnish abundant opportunities for the work required in that direction. The Biological work is from the very outset suited to the needs of the medical student. To this end it properly begins with General Biology, to be followed by a comparative study of animal forms and of phanerogamic and cryptogamic plants. The development of some vertebrate is closely studied, and preparations of embryos are required of each student. Throughout the entire course close attention to laboratory work is insisted upon. Practical instruction is given in the preparation of microscopic objects, and the student is taught the technic of section cutting and mounting. Arrangements have been made whereby students of the University are allowed, under certain conditions, to attend post-mortem examinations and to assist in the work. The laboratory is provided with modern apparatus for accurate investigation of disease germs, and the student is therefore required to do practical work in all the important subjects of Bacteriology.

The following subjects are comprehended in this course: General Biology, Zoology, Mammalian Anatomy, Histology, Physiology, Structural and Systematic Botany, Vegetable History, Embryology, and Bacteriology.

Premedical College Course

Beginning January 1, 1918, the minimum requirement for admission to acceptable medical schools, in addition to the high school work specified (16 units, of which the following are required: 1 unit English History, 3 units in English, 2 units in French or German, 1 unit in Elementary Algebra, 1 unit in plain Geometry) will be sixty semester hours of collegiate work, extending through two years, of thirty-two weeks each, exclusive of holidays, in a college of liberal arts and sciences approved by the Council on Medical Education. The subjects included in the two years of college work should be in accordance with the following schedule.

Suggestions Regarding Individual Subjects

(a) **Chemistry.** Twelve semester hours required, of which six must consist of laboratory work. Of the twelve, at least

eight semester hours must be in general inorganic chemistry, of which four semester hours must consist of laboratory work. The remaining hours may consist of work in analytic or organic chemistry. When more than two years are spent in college, courses in organic, analytic or physical chemistry may be taken to advantage. Chemistry is probably the most important science fundamental to medicine.

(b) **Physics.** Eight semester hours required, of which at least two must be laboratory work. It is urged that this course be preceded by courses in advanced algebra, solid geometry and trigonometry.

(c) **Biology.** Eight semester hours required, of which four must consist of laboratory work. This requirement may be satisfied by an eight semester hour course in either general biology or zoology, or by four semester hour courses each in zoology and botany.

(d) **English Composition and Literature.** The usual six semester hour introductory college course, or its equivalent, is required.

(e) **French or German.** A reading knowledge of one of these languages is required, and the requirement may be absolved by demonstration on examination, written or oral, of the ability to read fluently medical French or German. The above outline is suggested by the American Medical Association as minimum requirements. Many medical colleges require the following list of subjects. The numbers following the course names are numbers of courses in this catalogue.

First Year

	First Semester	Second Semester
Foreign Language	4	4
English (101 and 102)	3	3
Chemistry (103 and 104)	4	4
Chordate Zoology (103)	3	
Anatomy (104)		3
Electives (History suggested)	3	3

Second Year

Foreign Language	4	4
Physics (116 and 117)	4	4
Chemistry, Organic (115)	3	
Qualitative Analysis		3
Physiology (109 and 110)	3	3
Elective (Psychology suggested)	3	3

Third Year

Language	4	4
Chemistry	4	4
Histology	5	
Embryology		3
Neurology		2
Electives	4	4

CHEMISTRY

W. B. BENTLEY, *Professor*

J. R. MORTON, *Professor*

F. B. GULLUM, *Assistant Professor*

W. P. FISHEL, *Instructor*

C. E. STANEART, *Assistant*

The aim of the Chemical Department is two-fold. It offers to the general student the opportunity of becoming acquainted with the principles of this science and gives him practice in some of the methods used in a chemical laboratory. To a smaller number of students the Department offers superior advantages for more advanced work both theoretical and practical. The Department also possesses a growing collection of reference books which will meet the requirements of students who make Chemistry their special field of work.

101. Home Economics Chemistry. Lectures or recitations three times per week, laboratory work twice per week. First Semester. 4 hours

102. Home Economics Chemistry. Continuation of Course 101. Second Semester. 4 hours

103. General Descriptive Chemistry. Three lectures or recitations per week and four hours laboratory work. First Semester. 4 hours

104. General Descriptive Chemistry. Continuation of Course 103. Second Semester. 4 hours

105. Qualitative Analysis. One recitation per week and about 9 hours laboratory work. The separation and detection of the metals. This course may be taken either semester. Prerequisite, Courses 103 and 104. 3 hours

106. Qualitative Analysis. Continuation of Course 105. Complete qualitative analysis of simple substances and mixtures. This course may be taken either semester. 3 hours

109. Quantitative Analysis. A laboratory course. Prerequisite, Courses 105 and 106. Either semester. 3 hours

110. Quantitative Analysis. Continuation of Course 109. 3 hours

112. Chemical Calculations. Three recitation hours per week. Designed especially for students in Courses 109 and 110. Prerequisite, Course 105. Second Semester. 3 hours

113. Organic Chemistry. A short course. Four lectures or recitations per week for one semester. This course covers the requirements of the Home Economics course and the entrance requirements of some medical schools. 4 hours

115. Organic Chemistry. Lectures or recitations three times per week. This course is designed for those who desire a full knowledge of general organic chemistry. It should be taken by those who make chemistry their major study. First Semester. 3 hours

116. Organic Chemistry. Continuation of Course 115. Second Semester. 3 hours

117. Organic Preparations. This course may be elected only by those who take or have taken either Course 113 or Course 115. About six hours per week are required in the laboratory. Either semester. 2 hours

118. Organic Preparations. Continuation of Course 117. 2 hours

119. Physical Chemistry. Lectures or recitations three times per week, First Semester. Prerequisite, Courses 103 and 104. 3 hours

120. Physical Chemistry. Continuation of Course 119. Second Semester. 3 hours

121. Practical Physical Chemistry. This course may be elected only by those who are taking or have taken Course 119. 2 hours

122. Practical Physical Chemistry. Continuation of Course 121. 2 hours

123. Advanced Quantitative Analysis. Chiefly laboratory work. Prerequisite, Courses 109 and 110. 3 hours

124. Advanced Quantitative Analysis. Continuation of Course 123.

126. Physiological Chemistry. Lectures and recitations twice per week, laboratory work four hours per week, Second Semester. Prerequisite, Course 113 or Courses 115 and 116. hours

127. Physiological Chemistry. Continuation of Course 126. First Semester. hours

129. Iron and Steel. Lectures and recitations three times per week, First Semester. Open only to advanced students. 3 hours

130. Iron and Steel. Continuation of Course 129. Second Semester.

131. Industrial Chemistry. Prerequisite, Course 105. 3 hours

132. Industrial Chemistry. Continuation of Course 131. 3 hours

135. Research. Prerequisite, Courses 109 and 110, also Courses 115 to 118 or Courses 119 to 122. 3-6 hours

136. Research. Continuation of Course 135.

DEPARTMENT OF HISTORY

PROFESSOR MARTZOLFF

101. European History. Sophomore, two sections. This course is a study of the rise of *Absolutism on the ruins of Feudalism*, and the later developments of *Constitutional Government* in Europe. The text used is Scheville's *Political History of Modern Europe*. Open to Sophomores, Juniors and Seniors. (1920-1921). 3 hours

102. European History. Continuation of Course 101.

103. American History. The first semester covers the first 70 years of national history to the Civil War. The second semester covers the Civil War and the period following to the present time. Elson's *History* is used as a text. Open to all students. (1920-1921) 3 hours

104. Continuation of Course 103.

105. English History and British Empire. A study of the development of the English people and their kingdom into a great empire, with special reference to the growth and diffusion of democratic governments. Open to Juniors and Seniors. (1920-1921) 2 hours

106. Continuation of Course 105.

107. Twentieth Century History. A special course with the opening of the century and dealing with present-day affairs. Open to all students except Freshmen. (1920-1921) 2 hours

108. Continuation of Course 107.

109. Ancient Civilization. This is a study of the governments, religion, and customs of the ancients. Seignobos' *History of Ancient Civilization* is used as text. (1921-1922). Open to Juniors and Seniors 2 hours

110. Medieval Civilization. This follows the preceding. It is a study of the Middle Ages, the Renaissance, the Reformation, and the progress of Europe up to the French Revolution. The text is Seignobos' *History of Medieval Civilization*. Open to Juniors and Seniors. (1921-1922) 2 hours

112. Ohio History. This is a Lecture Course in which the chief events in the development of the state's history are brought into review and linked up with the broader affairs of American History. Martzoff's *Synopsis of Ohio History* will furnish the outline of study. Open to all students. (1920-1921) 2 hours

113. International Law. For advanced classes only. International relations of the great nations with one another are studied, a notice of the treaties past and present. Hershey's *Essentials of International Law* is used as a text. Open to Juniors and Seniors. (1921-1922) 2 hours

ECONOMICS AND SOCIOLOGY

PROFESSOR ASH

The work of this department is designed particularly to meet the needs of students who are preparing to enter government service, business, law, agriculture, journalism, the ministry or social work. In a broader way the purpose of this department is to afford training for effective citizenship, so far as that depends upon intelligent understanding and clear thinking with reference to the economic problems of the day.

101. Principles of Economics. A general survey of the process of production, exchange and distribution of wealth, based on text-book and lectures and supplemented with class discussions of concrete economic problems. Prerequisite for all other courses in economics. 3 hours

102. Continuation of Course 101.

103. Industry and Production. A discussion of the production-basis of wealth. 2 hours

104. Public Utilities. The organization and financing of public service enterprises, their relations to consumers and the public, legal aspects, and methods of regulation. Particular attention is given to municipal public service enterprises.

105. Introductory Sociology. The purpose of this course is to acquaint the student with some of the more important problems of sociology, to define its relation to the other social sciences and to present a general description of the forces and

processes by which social relations are developed and maintained. 2 hours

105. Introductory Sociology. (Repeated Second Semester). 2 hours

108. Social Control and Social Organization. A detailed study of the means by which society maintains its ascendancy over the individual and of the methods by which the varied and apparently unrelated elements of the social body are made to function together. 3 hours

The large numbers in Introductory Sociology require the breaking up of the class into two sections each semester.

107. Social Dynamics. A study of the psychic forces and the planes and currents of social influence. Prerequisite, Course 105. 3 hours

FRENCH LANGUAGE

PROFESSOR NOSS

PROFESSOR TERZANO

MISS HOCKENBERRY

101. This course includes the essentials of the grammar, drill in pronunciation, and the reading of one hundred pages.

Text: De Sauze's *Cours Pratique de Francais pour Com-mencants*. 4 hours

102. Continuation of Course 101.

Text: Halevy's *L'Abbe Constantin*. 4 hours

103. Intermediate Course. This course consists in the reading of about 250 pages of varied selections of modern French literature with some review of grammar and prose composition.

Texts: Daudet's *Tartarin de Tarascon*; Harvitt's *Contes Divers*. 4 hours

104. Continuation of Course 103.

Texts: Pailleron's *Le Monde ou l'on s'ennuie*; Loti's *Pecheur d'Islande*. 4 hours

105. Advanced Course. Moliere and his Works. 3 hours

106. The Tragedy of the Seventeenth Century. (Courses 105 and 106 will not be offered in 1920-1921). 3 hours

107. Advanced Course. Nineteenth Century Literature. 3 hours

108. Continuation of Course 107. 3 hours

109. Teachers' Course. This course is for those who have completed at least two years of French and who wish to prepare themselves for the teaching of French. It will include discussion of methods of teaching, practice teaching, a survey of French geography, history and literature, and a careful study of phonetics for the perfecting of pronunciation. There will be practice in oral and written composition.

Texts: Geddes' *French Pronunciation*; Frazer & Squair's *Shorter French Course*; Levi's *French Composition*. 4 hours

110. Continuation of Course 109. 4 hours

111. Fourth Year Course. The poetry of the Middle Ages. 2 hours

GERMAN

PROFESSOR

During the year 1920-1921 the Department of German will be revived. An American will be placed at the head of the department, and full work will be offered in the schedule of studies published for the first semester.

SPANISH LANGUAGE AND LITERATURE

PROFESSOR WHITEHOUSE

As the present demand for Spanish originates largely in a real practical need for commercial communication with Spanish-speaking countries, and this need in turn creates an unusual demand for teachers of Spanish, this department aims to satisfy these major demands, while imparting a knowledge of Spanish literature and national characteristics as the most fitting and necessary background for even the most practical employment of the language.

Students of commercial subjects, economics, engineering, literature, and prospective teachers are among those most immediately benefited by the study of Spanish.

101. Elementary Spanish. Pronunciation, grammar, reading. Simple conversation and the conduct of the class in Spanish is gradually introduced as the progress of the class warrants.

Text: Hills and Ford's *First Spanish Course* and a reader.
First Semester. 4 hours

102. Elementary Spanish. Continuation of Course 101 with conversation and additional reading. Second Semester. 4 hours

103. Intermediate Spanish. Review of grammar, composition, conversation, and reading of modern literature. The aim of this course is to enlarge the student's vocabulary, and at the same time to give him a certain facility in the handling of the material already absorbed. First Semester. 4 hours

104. Intermediate Spanish. Continuation of Course 103 with reading of at least one representative modern novel. Summaries and reports in Spanish. Second Semester. 4 hours

105. Modern Spanish. An introduction to Spanish Literature, with emphasis on the novel. A general review of Spanish grammar and advanced Spanish composition will be included in the course. First Semester. 3 hours

106. Classic Spanish. Reading, with some appreciation of the literary qualities, of representative works of the Golden Age of Spanish Classicism, including the more famous portions of *Don Quixote*. Outside readings and reports in English and Spanish. Second Semester. 3 hours

SCHOOL OF COMMERCE

Faculty

ALSTON ELLIS, Ph. D., LL. D.
President

CHARLES M. COPELAND, B. Ped.
Director and Professor of Accounting and Commercial Law

WILLIAM H. FENZEL, B. C. S., A. B.
Assistant Professor of Accounting and Commercial Geography

MILO J. KIMBALL
Assistant Professor of Advertising and Salesmanship

*MINNIE FOSTER DEAN
Instructor in Stenography

MABEL K. BROWN, Ph. B.
Instructor in Stenography

HELEN REYNOLDS
Instructor in Typewriting

See the general Faculty roll for the instructors in English, History, Economics, Education, Psychology, Science, Sociology, and Foreign Language.

The problems that confront the business man and the business problems that concern the nation are no less difficult or important, than the problems that engage the doctor, teacher, preacher, lawyer or other non-commercial worker. If the last named need both general culture and special training, the business man cannot expect to succeed with less. In accordance with this idea, the School of Commerce of Ohio University aims primarily to educate young people and secondarily to give them a training that will prepare them to render efficient service in commercial pursuits, or to understand and appreciate the service of those who are thus employed. This aim is reflected in the course of study, and those who take them will be obtaining a college education at the same time they are getting a technical training that will fit them to take a place in the business world.

*Absent on leave.

Admission—The requirements for entrance to the two-year and four-year courses in the School of Commerce are the same as the requirements for entrance to the Freshman class in the Arts course, namely, fifteen units of secondary credits.

Special Students—Mature persons who do not have sufficient secondary credit to admit them regularly to a course in the School of Commerce, will be admitted as special students to such classes in Commerce or Economics as their preparation and experience shall warrant.

Commercial Subjects as Electives—Students in the regular A. B. course may elect studies in the School of Commerce. In this way they may, while working out their course, get enough training in Commerce to be of great value to them, whatever their life work may be.

Certificates—Students making a grade of A or B throughout a year in Accounting or Stenography may have issued to them a certificate showing the nature of the work done, and signed by the President of the University and the Director of the School of Commerce.

Diplomas—To those who complete the two-year course in Commerce or the two-year course for teachers of Stenography diplomas are issued.

Degrees—The degrees of A. B. in Commerce is granted to those who complete the four-year course in Commerce.

Upon the completion of 60 additional semester hours of college work, outlined by the Dean of the College of Liberal Arts, graduates of the two-year course in Commerce will be granted the degree of A. B., provided that at least 45 of such additional hours have been done in the required work of the course leading to said degree. Upon the completion of 60 additional semester hours of college work, outlined by the Dean of the State Normal College, graduates of the two-year course for Teachers of Stenography, will be granted the degree of Bachelor of Science in Education, provided that at least 45 of such additional hours have been done in the required work of the course leading to said degree.

Fees—All students pay a registration fee of \$15.00 per semester. In addition to the registration fee there is an extra fee of \$2.00 per semester for Stenography and \$2.00 per semester for Typewriting. The fee for the diplomas in the two and four-year courses is \$5.00 and for a certificate \$1.00.

Positions—The University does not guarantee positions to graduates in any course. However, very few of those who have a good record in college work and conduct have difficulty in finding employment. The School of Commerce takes an active interest in placing its graduates and it can show a large percentage of them in desirable positions.

DESCRIPTION OF WORK

Those studies in the courses which are not described below are outlined under the head of the department to which they belong.

101. Accounting I. This course is for beginners in Accounting and is planned to give the student an understanding of the fundamental principles of the science. By numerous drills and problems students are made acquainted with a variety of account books used in retailing and wholesaling and with the business papers connected with the transactions proposed for entry. This course is offered each semester. 4 hours

103. Accounting Ia. This course, with slight modification, is the first half of Accounting I and is offered for the accommodation of those students in other departments who wish to get some knowledge of accounting, but have not time to take the full four-hour course. This course is offered in special terms. 2 hours

102. Accounting II. This course is open to those who have had Accounting I in Ohio University or an equivalent amount of work in the subject elsewhere. A study is made of the accounting methods used in several of the more complex kinds of business. Usually a banking set, a wholesale set, a commission set, and a manufacturing voucher set of books are worked up by each student. 4 hours

107. Accounting III. Open to students who have had courses 101 and 102. The course is both theoretical and prac-

tical and deals with such questions as reserves, sinking fund, deficiency, cost accounting, final statements, auditing, partnership settlements, and reorganization. 3 hours

108. Commercial Law. This work deals in a general way with the subjects of contracts, agency, partnership, corporations, sales, and negotiable paper, and is intended to give students a practical acquaintance with the fundamental principles of each. Considerable time will be spent in studying actual cases and in drawing business papers. 3 hours

109. Negotiable Contracts. Open to those who have had Commercial Law. The Uniform Negotiable Instruments Law is used as a text in this course. 2 hours

111. Corporation Accounting and Law. Open to those who have had Course 101. This course deals with the law and accounting connected with the organization, financing, management, dissolution and re-organization of corporations. 3 hours

112. Corporation Finance. Open to those who have had Corporation Accounting and Law. A study is made of the movement towards combination of enterprises and large aggregations of capital. Cause, method, and effect are considered with a view to giving the student a proper attitude toward this important question. 2 hours

114. Accounting Problems and Systems. Open to those who have had a year of Accounting. In this course systems for various business will be devised, criticised, and compared, and the principles of accounting will be applied to the solution of a number of difficult problems. 3 hours

114a. Cost Accounting. Open to students who have had courses 101, 102, 107, 114. 2 hours

115. Commercial Seminar. Open to students who have had Accounting I and II and Commercial Law. The Banker's Magazine, Journal of Accountancy, and articles on commercial subjects in other magazines will form the basis of this work. 1 hour

105. Credits and Collections. 2 hours

116. Commercial Seminar. Continuation of Course 115. 1 hour

117. Auditing. Open to students who have had courses 101, 102, 107, 108, 111, 114. 3 hours

118. Money and Banking. In this course a study is made of the origin, use, and history of money as a medium of exchange with special reference to the monetary and banking history of the United States.

It includes a study of the history, utility, and functions of banks, particularly of those governed by the National Banking Act and of the Federal Reserve Act. 3 hours

120. Foreign Commerce. 2 hours

121. Industrial and Commercial Geography. The rapid expansion of our domestic and foreign commerce has made it necessary for the modern business man to inform himself as to the various natural and manufactured products which are bought and sold in the world's markets.

In this work a study is made of commercial conditions as they are found in various parts of the world as the result of certain physical and political influences, of the products of man's industries and commerce, and of the conditions of interdependence existing among different parts of the civilized world. 3 hours

123. Industrial History of the United States. A study is made of the growth and development of the industries and commerce of the country, and particularly as found to be influenced by our tariff bills, banking systems and the different wars in which the nation has engaged. The subject of conservation is given special attention. 2 hours

125. The Principles of Industrial Management. 2 hours

126. Office Management. A study of the principles governing office administration. Concerned more with the organization, management, layout, equipment, and functions of the different departments, than with the details of office practice. 3 hours

127. Advertising I. An introductory survey which shows the economic relation of advertising to marketing and covers the principles of the psychology of advertising, copy-writing, dis-

play, and media selection. It provides preparation for advanced study and information for those who expect to pass judgment on advertisements. 3 hours

128. Advertising II. An advanced course in advertisement writing and display. Advertising III is taken with this course. Advertising I is prerequisite. 2 hours

128a. Advertising III. In connection with Advertising II study is made of the organization of the advertising department and the conduct of advertising campaigns. 1 hour

131. Business English. The established principles of composition are applied to business writing. Specimens from business literature are analyzed, and practice given in writing to induce attention, understanding, belief, and action. 2 hours

131a. Business Correspondence. This course offers training in the composition of effective business letters. Specialized problems provide practice in planning and writing various types of letters and letter-series. Prerequisite, one semester of college English. Repeated Second Semester. 2 hours

133. Salesmanship. The essentials of personal salesmanship are considered. Typical problems in retail selling, wholesale selling, and the marketing of specialties are set. Modern methods of sales management are studied in detail. 3 hours

135. Marketing. This is a basic course in the principles and methods of marketing. Attention is given to the marketing of raw materials, agricultural and manufactured products, and the characteristics of the wholesale and retail trade. The question of improving the entire system by the application of the principles of scientific management is discussed. 3 hours

136. Marketing. Foreign Trade. In this course the study of marketing is carried over into foreign trade. It includes consideration of sales methods, export middlemen, foreign markets, credits, collections, and shipping. Some of the larger problems, such as commercial policies, government trade promotion, and the merchant marine are investigated. 2 hours

138. Marketing Problems. This course is provided for students who want to work on special problems in marketing.

The general method of commercial research is first comprehended, following which the student investigates and reports on the problem selected. 2 hours

141. Stenography I. Designed for students who wish to fit themselves for amanuensis work. Those who complete courses 141 and 142 are prepared to take from dictation commercial correspondence and the simpler forms of legal papers, including contracts, conveyances, wills, etc. The notes are transcribed on the typewriter and a high standard of neatness and accuracy is maintained. These courses are repeated each semester. The Pitman-Howard Amanuensis will be used as a basis for the work. 2 hours

142. Stenography II. A continuation of Stenography I. 4 hours

143. Stenography III. Open to those who have completed Stenography I and II. This course will meet the needs of those wishing to qualify under Civil Service as well as those preparing to teach. After a careful review of the fundamental principles of outline formation as used in *Amanuensis* shorthand, a thorough study is made of the underlying Theory of Abbreviation as applied to "Reporting" shorthand. The *Reporter's Companion* will be used as a text. A thorough knowledge of the principles of outline construction, together with a steady advance in note-taking speed, is the aim of this course. Neat and accurate transcript of notes taken are required of each student. 5 hours

145. Methods in Teaching Stenography. One hour a week is spent in the study of the theory of class work in general and in a particular study of the methods best adapted to the presentation of the accurate subject of shorthand. 1 hour

147. Stenography IV. Required of those completing the teachers' course. The purpose of this course is to further increase the student's accuracy and speed in the taking and transcribing of notes by acquainting him with the advanced methods of note-taking. To this end constant and varied dictation, by voice and phonograph, is given, accompanied by careful criticism of shorthand notes and transcripts. Material for this course is

drawn from newspaper editorials, magazine articles, business letters, legal papers, testimony, court-pleading, etc. 4 hours

148. Teaching Stenography. Open to those who have completed the teachers' course leading to a State certificate are required to do practice teaching under supervision in the stenography and typewriting classes. 3 hours

In view of the great demand made by the high schools of the country for trained teachers of Commercial Branches, the attention of those taking the Four-Year Normal College Course is especially directed to the Teachers' Course in Stenography. An opportunity is here given to specialize along this line in the Junior and Senior years, the credit (total not to exceed fifteen semester hours) applying toward the degree of Bachelor of Science in Education.

151. Typewriting I. The purpose of this course is to give the student (1) a knowledge of the typewriter keyboard by the touch method; (2) a knowledge of the various parts of the typewriter; (3) a knowledge of business punctuation. Texts: "*Rational Typewriting*" and "*Practical Business Punctuation*." Three recitations a week. Students taking this course are expected to practice one hour a day on the typewriter in addition to the class work. Repeated each semester. 2 hours

152. Typewriting II. Open to those who have completed typewriting I or its equivalent. The work of this course covers (1) the development of facility in the use of the typewriter; (2) office practice, in which training is given in the arrangement of letters and the writing of business papers, in the use of the mimeograph, commercial duplicator, adding machine, letter press, business phonograph, decimal tabulator, filing and card systems. Texts: "*Rational Typewriting*" and "*Office Training for Stenographers*." Three recitations a week. Students taking this course are expected to practice one hour a day on the typewriter in addition to the class work. Repeated each semester. 2 hours

153. Speed Typewriting. This course is open to all who have completed Typewriting II or its equivalent. It is designed to give adequate and directed practice to those who desire to increase their typewriting speed. Class recites Tuesday and Thursday. Credit, one hour.

TWO-YEAR COURSE IN COMMERCE

FIRST YEAR

FIRST SEMESTER

SECOND SEMESTER

REQUIRED

English Composition	3	English Composition	3
Principles of Economics	3	Commercial Law	3
Accounting I	4	Accounting II	4

ELECTIVES

From which to select five (5) or six (6) hours each semester

American History	3	American History	3
Salesmanship	3	Salesmanship	3
Public Speaking	2	Principles of Economics	3
Modern Language	3	Modern Language	3
Stenography	4	Stenography	4
Typewriting	2	Typewriting	2

SECOND YEAR

REQUIRED

Accounting III	3	Accounting Problems and Systems....	3
Negotiable Contracts	2	Money and Banking	3
Advertising	3	Commercial Seminar	1
Commercial Seminar	1	Business Correspondence	3

ELECTIVES

From which to select six (6) hours each semester

Modern Language	3	Modern Language	3
Industrial History	2	Advertising	3
Corporation Accounting and Law....	3	Corporation Finance	2
Commercial and Industrial Geography	3	Constitutional Law	2
		Parliamentary Law	2

TEACHERS' TWO-YEAR COURSE IN STENOGRAPHY

FIRST YEAR

FIRST SEMESTER

Stenography I	4
Typewriting and Composition	2
English Composition	3
Introductory Psychology	3
Secondary Course of Study.....	2
Professional Elective	2

SECOND SEMESTER

Stenography II	4
Typewriting and Composition.....	2
English Composition	3
Science of Education	3
Professional Elective	3

SECOND YEAR

Stenography III	4	Stenography IV	4
School Administration	3	Teaching Stenography	2
Accounting I	4	High School Methods	2
Methods in Teaching Stenography....	1	History of Education	3
History of Education	3	Professional Elective	3

Teachers who take the course outlined above will be given, without further examination, a State provisional special four-year certificate to teach Stenography and Typewriting, this provisional certificate to be made a life certificate upon the completion of twenty-four months of successful teaching after receiving such certificate.

Substitutions in the Teachers' Course in Stenography may be made upon the consent of the Director of the School of Commerce.

Note—The Four-Year Course leading to the degree of A. B. in Commerce is given on pages 46 and 47 of the catalog.

SCHOOL OF MUSIC

Faculty

ALSTON ELLIS, Ph. D., LL. D.
President

ALEXANDER S. THOMPSON, Mus. D., Director
Voice and Advanced Theory

SIROUHEE T. ARPEE, B. A.
Advanced Piano

ALLEN R. KRESGE
Piano, Organ, and Harmony

MRS. FRANCES RUGGLES HIZEY, Mus. Bac.
Piano

NELLIE H. VAN VORHES
Preparatory Piano

MRS. CLARA D. THOMPSON
Advanced Voice and Glee Club

FLORENCE HAWKINS
Voice and Musical History

ESTELLA ALLEN, Mus. Bac.
Voice

JOHN NEWMAN HIZEY
Violin and Orchestra

ELIZABETH GARBER, B. S. in Ed.

MARIE SWAIM
Public School Music

The School of Music is a strong and well recognized department of the University. It is a school in which high ideals of excellence in musical knowledge and performance are cherished. It is the purpose of the management of the department and of the university authorities to put it in the vanguard of that strong musical movement being furthered by the musical departments of the colleges and universities of the country in which academic scholarship is considered an essential part of a musical education.

Ohio University believes that the man or woman who leaves her halls to earn a living in music shall not be one of those without outlook, but be one who shall have skill with vision and ideals, be able to take his or her rightful place as an educated man or woman of the world and fit to be a leader in the world of music with purpose and heroic spirit.

All grades of instruction are given from the beginning to the most advanced ideas of interpretation.

Complete courses are offered in Pianoforte, Voice, Harmony, Counterpoint, Canon and Fugue, Interpretation and Form, Composition and Musical History. Other courses in Ensemble Music, Sight-Reading, Choral Practice, Orchestra and in Pipe-Organ are offered.

All of the recitals by students and the recitals and lectures given by the instructors are free to all the music students.

From time to time the great musical artists will be heard at the University. For these entertainments a charge will be made and all music students are expected to attend.

Entrance Requirements

The requirements for admission to the advanced classes in the School of Music are the same as those for admission to the Freshman class of the University.

The School of Music admits the following classes of students, viz: College Music students who have met the full entrance requirements for admission to the Freshman class of the University as already noted, and who take no less than six hours of University work in addition to the required work in Music, leading either to a Diploma or Degree; University students following other courses who take music in addition; also those persons who desire to take advantage of the opportunity to receive first-class musical instruction without desiring to graduate, such students being designated as Special Music students.

Regulations

No student can be classified in the College Music grade who is not pursuing theoretical study, excepting in the case of those who have completed the required theoretical work.

All vocal students in the School of Music are required to attend Choral Society, if sufficiently advanced to do so.

All violin students classified in the College grade must play in the College orchestra, unless excused by the violin instructor.

All College Music students should consult with the director as adviser in his course each semester.

Promotion from one year to the next in course will be determined by a test drawn from the material outlined in the course. In piano, the playing of scales, certain studies or pieces; in voice, scales, studies or pieces; in voice, the ability to solfa or sing at sight will always be considered, and the singing of certain vocalises and selections will be included in the tests, which will be selected by the teacher in charge of the study. The examinations will be conducted in the presence of the director or faculty of the School of Music.

Membership in the Girl's Glee Club is attained through examination by the conductor of the club.

Diploma

A diploma is granted to those who have completed the first three years' work outlined in the College Course in piano, voice or violin to the satisfaction of the faculty in music, two years in harmony, one year of musical history, one year in interpretation and form (psychology of music) and 3 required liberal arts studies. A graduating musical program must be given. Those finishing the course in voice and violin must have at least one year of piano.

Degrees

The degree of Bachelor of Music is granted to those who complete the full four years of study outlined in the Advanced Course in piano, voice, violin and organ, the four years theoretical course and the required liberal arts studies. Candidates for this degree, besides their special solo work, are expected to be able to transpose at sight reasonably well pieces of songs of moderate difficulty, play in open vocal score fairly and arrange for orchestra.

The degree of Bachelor of Education in Music is granted to those completing the course outlined in the Normal College cata-

log, which includes the advanced theoretical courses of interpretation and form and instrumentation in the School of Music. Candidates for this degree must be able to solfa at sight any of the Concone or similar vocal studies, making the proper changes to suit the key; must also be familiar with the standard oratories and arrange for band and orchestra.

103. Freshman Harmony. Required of all candidates for the diploma in Public School Music, the diploma in the three-year course in the College of Music and for the musical degree.

2 hours

104. Freshman Harmony. Continuation of Course 103.

105. Sophomore Harmony. Required of all candidates for the diploma or the degree in the College of Music, or the musical degree in the Normal College.

Harmonization of Melodies, Modulation, Altered and Mixed Chords, Suspensions, Retardation and Organ Point, Diminished Seventh and Analytical Harmony.

3 hours

106. Continuation of Course 105.

107. Counterpoint. Required of all candidates for the Bachelor of Music degree in the junior year. Single Counterpoint, in all species, including florid in two, three and four parts. Sir Frederick Bridge's and Dr. Frances D. Gladstone's Counterpoint used. Ritcher's *Double Counterpoint and Fugue* and Higgs on *Fugue* are used.

3 hours

108. Counterpoint. Continuation of Course 107.

109. Instrumentation. Required of all candidates for musical degrees, in senior year. A study of the main orchestral instruments and the manner of writing them. Arranging for string instruments in score. Arranging for woodwind in score. Arranging for full orchestra. Ebenezer Prout's "*Instrumentation*," Berlioz's "*Instrumentation*" and Clappe's "*The Wind Band and Its Instruments*," are the text-books employed.

3 hours

110. Instrumentation. Continuation of Course 109.

111. Interpretation and form. Required of all candidates for the diploma in the School of Music, or the musical degrees. Prerequisite, at least Freshman Harmony.

3 hours

112. Interpretation and form. Continuation of Course 111.

113. History of Music. Required of all candidates for the diploma in Public School Music, the diploma in the School of Music and for the Musical degree. General History development and influence of music among ancient peoples. Early Christian music. Polyphonic music. Various schools of polyphonic music. The rise of dramatic and instrumental music, and the development of the various musical instruments.

The development of the Opera and Oratorio. The Romanticists. Modern music and musicians.

The work of this course is illustrated by Pianola or actual performance in voice or piano by members of the faculty and students in recitals arranged for the class. Text-book, *Musical History*. W. S. B. Mathews.

114. History of Music. Continuation of Course 113.

115 and 116. Military Band. Open to young men of university with credit. Five hours are required in practice under the band leader. 2 hours

PIANO

Preparatory Course

The Preparatory Course in Piano is sufficiently simple to include beginners. It is specially provided to meet the needs of students enrolled in the Liberal Arts or Normal College courses, who, not having had instruction previous in music, desire to broaden their culture by some music study in connection with their other college work.

School Credit Piano Course

Students who are following the Public School Music in the Normal Department are required to use the School Credit Piano Course Lessons in their piano study. Those who are advanced beyond the grade required in their course will be required to make themselves familiar with the method so as to meet the issue if the music credit system or the method of giving piano lessons in connection with the high school course be adopted where they may be teaching.

College Course

These courses run through both semesters.

Freshman Piano—Required of all candidates for a diploma or degree.

Major and Minor Scales in Tenths and Thirds or Pischna's 60 Progressive Exercises or Philip's Complete School of Technic; Cramer's Studies or Czerny op. 740; Selections from Haydn and Mozart Sonata; Mendelssohn's Songs Without Words and Bach's Three Part Inventions. Pieces selected from Bohm, Thome, Goddard, Lebirre, Sapelnikoff, MacDowell, or easy pieces by Grieg or suitable novelties, American or foreign.

Sophomore Piano—Required of all candidates for a diploma or degree.

Major and Minor Scales in Double Thirds. Pichna and Philip's School continued; Low's Octaves Studies; Beethoven's op. 26 in A flat and op. 27, No. 1; Stephen Heller Tarentelle, Legende da la Foret Hunting Song op. 86, No. 3; Selection from Chopin's easier Preludes and Valses; Godard's Barcarolle or Grieg's more difficult pieces; Selections from Scharwenka Finger Exercises op. 77 or Clementi's Gradus ad Parnassum.

Junior Piano—Required of all candidates for a diploma or a degree.

Morcheles Preludes op. 73, Von Wilm Suite No. 1, Pachulski Prelude in F minor, Leschetizky, Arabesque en forme d' Etude and Tarantella; Selections from Bach's Well Tempered Clavichord; Scharwenka's Octaves or Kullak's Octaves; Selections from Beethoven's Sonatas the op. 57 and others; Henselt Etudes or Chopin Etudes selected, Chopin's Ballade in A flat or G minor and Scherzo in B flat minor; or Schumann, Sinding, Cyril Scott, Debussy and others.

Senior Piano—Required of all candidates for the degree of Bachelor of Music. Familiarity with all in the list required.

Chopin's Etudes continued, also Beethoven Sonatas; Chopin's Polonaise in A flat; Wagner-Liszt Spinning Song from Flying Dutchman, Liszt, Gnomen Reigen, LeRossignol, Rhapsodies 6, 8, 12 and 13; Brahms's Rhapsodie in B minor, Con-centros by Mendelssohn, Grieg or Beethoven.

VOICE

Candidates for the Diploma in Public School Music must pass examination on Concone's Fifty Lessons for Middle Voice at the end of the first year, and Concone's Twenty-five Lessons the second year. The foregoing is the minimum amount of Vocalise study required in conjunction with the voice-production exercises and song study. Songs should be memorized in all cases.

Preparatory Course

Breathing and voice placing exercises; sustained tones and scale work according to the Italian method as taught by Sims Reeves, of London, England, and Vannucini, of Florence, Italy. Concone's Fifty Lessons for Bass; Marchesi's Exercises op. 1, First Part; Vaccai's Studies.

College Course

These courses run throughout the year.

Freshmen Voice—Required of all candidates for a diploma or a degree.

Voice placing exercises continued; scales, sustained notes, and articulation exercises; Concone's Twenty-five Lessons; Marchesi's Studies or Lutgen; Song by American composers, Denza, Cowen, Gastaldon, Jensen, Grieg, Mendelssohn.

Sophomore Voice—Required of all candidates for a diploma or a degree.

Voice placing exercises continued; scales, etc., Marchesi's Studies; Concone's Fifteen Lessons; selection from Schubert's and Schumann's Songs; songs of Del Acqua Bullard, Buzza-Pecchia, Buck, d'Hardelot, Von Fielitz, Gounod, Haydn or others. Handelian airs from oratorios begun.

Junior Voice—Required of all candidates for a diploma or a degree.

Advanced studies and exercises; solos from the oratorios and operas; Handel's Messiah solos recitative, "Let the Bright Seraphim" and "O Had I Jubal's Lyre"; Haydn's Creation solos and recitatives; Rossini's Stabat Mater solos and quartettes; songs or airs by the modern Italian or French composers.

Senior Voice—Required of all candidates for the degree of Bachelor of Music.

Review of Handelian, Haydn, and Mendelssohn arias and recitatives; Beethoven's Adelaide or air from Fidelio; Meyerbeer's *The Baal's Priester*; Wolf, Strauss, Franz Brahms, and Liszt songs; Wagnerian and other opera solos.

PIPE ORGAN

A good piano finger technic and some knowledge of harmony are prerequisites to the partial organ course that is offered. In this course the following studies are used: *Stainer's Organ*; *Nillson's a System of Technical Studies in Pedal Playing*; Bach's *Studies in Pedal Phrasing*, or Dudley Buck's *Pedal Phrasing*. Work of Bach and pieces of the Modern French School are included in the course.

VIOLIN

JOHN NEWMAN HIZEY, *Instructor*

Preparatory Course

Hohmann's Violin School books I and II; Schradieck's finger exercises; Sitt op. 32, book I; Kayser op. 20, book I; Hoffman op. 25, book I; Studies by Boehmer op. 54; Pieces by Sitt, Bohn, Dancla, Hauser, etc.

College Course

Freshman Violin—Required of all candidates for a diploma or a degree.

Hohman's Violin School continued; Schradieck School of Technic; Dont op. 20; Sevcik op. I, Part I; Special Studies by Mazas, op. 36, book I; Schradieck's Scales; Pieces by Sitt, Hauser, Hill, Bohn, Alard, etc.

Sophomore Violin—Required of all candidates for a diploma or a degree.

Mazas op. 36, book II, Sitt op. 69, book I; Kreutzer 40 Etudes; Two and Three Octave Scale Studies and broken chords by Sitt, Caprices by Rovelli; pieces of similar difficulty.

Junior Violin—Required of all candidates for a diploma or degree.

Thirty-six Caprices by Fiorillo; Sitt op. 69, book 2; Rode, 24 Caprices; Dancla op. 73; 20 Brilliant and Characteristic Studies; Pieces by Hubay, Wieniawsky, Dvorak, Ambrosio, Kreisler, etc., Concertos by Rode, De Beriot, David, etc.

Senior Violin—Required of all candidates for the degree of Bachelor of Music.

Etudes by Gaviniex: Sitt op. 30, 12 Great Etudes, Dont op. 35; Gradus ad Parnassum; Bach's Sonatas for violin solo. Concertos by Wieniawsky, Bruch, Mendelssohn, etc.

CHORAL SOCIETY

To promote and keep alive the love of choral singing and give an opportunity to all college students to study and become familiar with some of the best standard choral works, a good Choral Society is maintained under the conductorship of the director of the School of Music. A small credit is given for this work. All members of the Girls' Glee Clubs must sing in the Choral Society.

The following are some of the works that have been given by the society in recent years: Stabat Mater by Rossini; Lazarus by A. S. Thompson; Elijah and Saint Paul by Mendelssohn; Messiah by Handel; Fair Ellen by Max Bruch; The Blind Girl of Castelcuille by S. Coleridge-Taylor; also Faust (concert edition) by Gounod has been studied, and The Trial by Jury, The Mikado and The Pirates of Penzance have been given in Costume.

THE GIRLS' GLEE CLUB

This club is maintained largely to broaden the vocal experience of those young ladies who expect to engage in teaching voice, especially in public schools or colleges. A small credit is given to those becoming members. The Club, besides giving a miscellaneous concert each year, has given in the spring season a well staged operetta. Amongst these operettas have been The Japanese Girl, The Egyptian Princess, The Persian Princess, The Lost Necklace by Vincent and the Wild Rose by Rhys Herbert.

THE COLLEGE ORCHESTRA

This organization is maintained under the leadership of J. Newman Hizey to give an opportunity for capable students to practice ensemble work and general orchestral playing. Credit is given.

DRAWING AND PAINTING

MARIE LOUISE STAHL, *Instructor*

A thorough foundation in drawing is necessarily the basis for specializing in any phase of art work or artistic handicraft. The subject rightly pursued, together with the atmosphere of the studio, should give artistic judgment and taste as well as skill in the manner of expression. The work in this department is carried on as much as possible after the manner of our best art schools. The student begins with still-life and perspective drawing, and as he advances, draws from the cast and living model. Studies in composition are required from the more advanced students. Any individuality in the student is encouraged, and no fixed method is insisted upon. In painting, instruction is given in oils, water colors, pastels, and porcelain decoration—for which a kiln has been provided. Some knowledge of form, proportion and mass of light and shade is necessary, through the study of charcoal drawing, before the student can begin to paint. To those desiring it instruction in out-of-door work will be given, providing the pupils are sufficiently advanced. Talks are given to the students on architecture, sculpture, and painting. These talks are illustrated with photographs, casts and lantern slides. There is also an abundance of illustrative material in the many art periodicals and works on art which are kept in the studio for the use of students.

DEPARTMENT OF PUBLIC SPEAKING

WILLIAM HAWTHORNE COOPER, A. M., B. O.

Public Speaking and Debate

IRMA E. VOIGT, Ph. D.

Literary Interpretation

The courses offered by the Department are designed to meet the practical as well as the cultural requirements of men and women in the actual affairs of life. The department aims to train its students to read from the printed page in such a manner as to give pleasure and profit to those who hear; to enable business men, doctors, school men and others to make an acceptable speech when called upon to do so; to prepare men and women not only to convince others of the truth or falsity of a given proposition, but also to be convinced intelligently; to give prospective teachers such a working knowledge of the fundamental principles of public speaking, and such actual platform practice as will enable them not only to teach public speaking, but to teach all other subjects more effectively; to equip students for College and intercollegiate debates and oratorical contests; and, so far as training in public speaking is able to do so, to fit men for the law, the ministry, for politics, or for other forms of social service.

101. Argumentation and Debate. Frequent debates, preceded by briefs, are a part of the work of the class. Text: *Argumentation and Debating*, Foster. 2 hours

102. Parliamentary Law. This course is designed to give the learner a ready knowledge of motions, their rank, purpose and effect; to enable him to preside over a deliberate body with ease and skill; and to take part in the proceedings with propriety and effectiveness.

Texts: "*Parliamentary Law*," Paul. *Robert's Rules of Order*.

103. Public Speaking. This course is fundamental, and should be elected not only by all beginners in the study of ora-

tory, but also by those who desire some general training in public speaking. In connection with the text-book, a number of masterpieces of modern oratory are studied, and discussed in class. The "What to say" and the "How to say it" are studied side by side. Text: *Public Speaking*, Winans. This course is continued in the Second Semester. 2 hours

105. Vocal Expressions. This course is designated for the development of vocal energy, quality and flexibility. Selections from standard authors are used as illustrative material for drills in thought and emotion expressions. Throughout the year.

Texts: Vols. I, II, III and IV of *Evolution of Expression*, C. W. Emerson. (1920-1921) 2 hours

106. Great Orators. A study of the more important messages and methods of twenty-two noted English and American orators whose utterances have molded public opinion and guided the destinies of the two great Anglo-Saxon nations.

Text: *British and American Eloquence*. Fulton and Trueblood. 2 hours

107. Extempore Speaking. This course is designed to give the amateur speaker facility in outlining a subject, clarity of thought, skill in marshalling material, and effectiveness in properly presenting on short notice, thoughts previously gathered. Speeches for special public occasions, discussions of current questions of interest.

Text: *Extempore Speaking*, Shurter. (1921-22) 2 hours

108. Story Telling. A study of shorter masterpieces of fiction. A *prescribed* list of successful stories read and studied. Considerable practice in story telling.

Text: *How to Tell Stories to Children*, Bryant. 2 hours

109. Interpretative Reading. This course is designed especially for teachers in that it aims to train the power of reading aloud and of speaking easily before different kinds of audiences. 2 hours

111. Shakspearean Readings. An extensive reading of the plays of Shakspeare. Expressional Reading of principal scenes, and assigned passages committed and recited. At the end of the year one of the plays will be given in costume by members of the class. 2 hours

113. Recognizing dramatic presentation as a vehicle for instruction this course is planned to aid the teachers to recast various forms of literature into dramatic form. Primary, intermediate, grammar, and high school types of literature will be considered. This course will be offered in 1921, alternating with course 111. 3 hours

114. Dramatics. This is a course offered to university students at large for the purpose of creating an appreciation of good drama, of giving a working knowledge of the technique of the stage. The latter part of the course is devoted to the study of make-up. 3 hours

116. Oratorical Structure. This course deals with the structure and qualities of a good oration. A large number of winning University orations are studied, and discussed in class. Students who intend to enter future oratorical contests should elect this course. Text: *Rhetoric of the Oration*, Shurter; *Winning Speeches*, Northern Oratorical League.

119. Effective Speaking. This is an advanced course. In this course the general ends of speech, such as clearness, impressiveness, belief, action, and entertainment are studied. Speech is studied in the light of its effect upon the audience. The student is given training in the art of adapting his discourse to meet the needs and conditions of various audiences. Text: *Effective Speaking*, Phillips. (1920) 2 hours

122. Teaching to Read. A study and comparison of leading methods of teaching. Reading from the Primary Department to the University. Class discussions. Practice teaching. Considerable drill in the oral interpretation of the printed page. Text: *Teaching Children to Read*, Klapper. *Interpretation of the Printed Page*, Clark. 2 hours

Individual Lessons—These individual lessons enable the instructor at the very beginning to remove speech difficulties and defects, and to give the student the development that he needs. This work is devoted entirely to the individual requirements of the learner.

Diplomas

Students completing the full course of two years, and passing the examinations satisfactorily, will receive a diploma bearing the name of Ohio University, Department of Public Speaking.

REQUIREMENTS FOR GRADUATION

The first requirement is a diploma from a first-grade high school, or its equivalent.

The entire course for graduation in the Department requires two years. The following is a statement of the subjects and credits required for graduation:

FIRST YEAR

SUBJECT	Hours of Credit
Public Speaking	2
English Composition (Freshman required throughout year)	6
Debating	2
Vocal Expression	2
Teaching to Read	2
Psychology, General or Cultural	3
Literary Interpretation or Equivalent	2
Secondary Education	3
Shakespeare	2
Private Lessons (two each week throughout year)	6
Physical Culture, no credit	0
	<hr/> 30

SECOND YEAR

SUBJECT	Hours of Credit
Effective Speaking	2
Dramatic or Equivalent	2
English-Electives	6
Extempore Speaking	2
Interpretative Reading or Equivalent	2
Supervision and Criticism	3
Great Orators	2
Economics or History	6
Private Lessons (two each throughout the year)	6
Physical Culture (no credit)	0
Graduation Recital (no credit)	0
	<hr/> 30

All courses receive college credit on all University degrees.

Particular attention is invited to the fact that, while at the end of two years the diploma is granted to those who have accomplished the prescribed course of study, the Department of Public Speaking is desirous that each student shall realize the necessity for the largest possible preparation, and shall be inspired to continue his work in the University until he has attained one of the Bachelor degrees. The following statements should be noted.

If after having completed this two-year course, the student desires to complete the course leading to the degree of Bachelor of Arts, he can do so by acquiring sixty additional semester hours in the College of Liberal Arts. In these sixty hours must be included:

1. One or two foreign languages.
The required amount will be determined by the number of entrance units in foreign language. For example, the student who has had four years of a foreign language in high school will be required to have but sixteen semester hours in addition. See the catalog for fuller explanation.
2. Six hours of a biological science.
Physiology, Biology, Bacteriology, Botany.
3. Six or twelve hours of a non-biological science.
Astronomy, Chemistry, Geology, Physics.

The remaining hours must be so selected that the student will have at least thirty-six hours in one of the four groups and eighteen in a second group. These regulations are fully described in the catalog under the requirements for the A. B. degree.

Students who have finished the course in the Department of Public Speaking and desire to complete the course leading to the degree of Bachelor of Science in Education, may do so by taking 60 additional semester hours in the State Normal College. These 60 semester hours shall be distributed as follows:

1. At least enough foreign language to fulfill the requirement of six years of foreign language.

2. In addition to 6 hours of practice teaching, 18 hours of Educational and Professional work selected from the following subjects: History of Education, Science of Education, High School Methods, High School Didactics, School Administration, Supervision and Criticism, Secondary Course of Study, Psychology, Paidology, Methods, etc.

3. From 6 to 12 hours of science work: Civic Biology, Botany, Agriculture, Physics, Chemistry.

4. The remainder of the work must be selected largely from the work in which the student wishes to specialize as a teacher.

PHYSICAL EDUCATION

MR. GULLUM

Director of Outdoor Athletics

MR. OLSON

Instructor

MISS CARSON

Instructor

AIMS—

1. To develop bodily vigor and vitality, the prerequisite of mental efficiency.

2. To secure and maintain correct bodily carriage in standing, walking, and running, a balanced muscular development and a fair degree of skill and ease of movement.

3. To provide an opportunity and incentive for every student to secure physical recreation to overcome the evils of the sedentary life of the student.

4. To promote the social, moral, and mental values of games and sports, and to secure to every student the opportunity for their practice.

5. To develop such habits of exercise in students that they shall continue their practice after leaving college.

Required Work—Two semesters of work in physical training are required, unless the student is excused because of physi-

cal disability. This work should be taken during the first and second years of college life.

Medical and Physical Examination—All first year students are urged to take a medical and physical examination as soon as possible after entering college. The purpose is to determine the student's organic condition; to discover abnormal deviations of form, structure, and function; to warn and give special advice when necessary.

Gymnasium Work—The work in the gymnasium consists of running, calisthenic drills (free-hand, wands, dumb bells, and Indian clubs), gymnastic dancing, heavy apparatus work, and active games, such as basketball, and indoor baseball.

The exercises are chosen rather for their physiological than their esthetic value—for the education of the neuromuscular system than for the mere development of strength.

The gymnasium is open for individual work throughout the day except during regular gymnasium class work.

Equipment—Large gymnasium, well lighted, ventilated and heated, equipped with modern apparatus. Up-to-date running track, banked for speed and covered with a cork and rubber composition—twenty laps to the mile.

In addition to locker rooms, training room, offices, separate shower baths for men and women, the gymnasium building has a large, tile-lined swimming pool. The baths and pool are open for use to the students daily from 7 a. m. to 6 p. m.

The Athletic Field covers ten acres of ground. It has two baseball diamonds, football field, cinder quarter-mile running track, plenty of space for the practice of field sports, seven tennis courts, grandstand, bleachers, etc. These facilities give ample opportunity to all who care to indulge in any of the outdoor games or athletic sports.

THE STATE NORMAL COLLEGE

OF

OHIO UNIVERSITY

Odd numbers designate first semester courses.

Even numbers designate second semester courses.

Faculty—The names of the members of the faculty of the State Normal College are not separated from those of the College of Arts. The entire list of names appears under the general faculty list.

TRAINING FOR TEACHING AT OHIO UNIVERSITY

The Beginning—Ever since 1886, the Ohio University has made provision for the training of teachers, at first, in a Normal Department. This owed its existence to legislation, May 11, 1886, whereby the sum of \$5,000 was appropriated for its establishment. The appropriation was accepted by the Board of Trustees and made effective through the efforts of its committee, the chairman of which was Dr. John Hancock, since deceased. The committee placed Dr. John Gordy at the head of the new department, and its special work was entered upon in September of the same year. Two courses of study were offered, an "*Elementary*" and an "*Advance*" and the latter was made equal to and parallel with the other college courses then existing.

At the regular session of the 75th General Assembly of Ohio March 12, 1902, H. B. 369—Mr. Seese—became a law.

The State Normal College of Ohio University owes its existence to a provision of this act. Section 2 of said act requires the University Board to organize "a normal school which shall be co-ordinate with existing courses of instruction, and shall be maintained in such a state of efficiency as to provide proper

theoretical and practical training for all students desiring to prepare themselves for the work of teaching."

Scope of Work—The law of 1902 explicitly states that the school shall be established for the training of "all students desiring to prepare themselves for the work of teaching." This is surely comprehensive enough to permit the carrying on of all grades and kinds of normal-school work. In fact, the language used is mandatory and contemplates the founding of a school in which the graduates of the common school, the high school, and the college shall have opportunity for "theoretical and practical training" for the work of teaching.

THE FUNCTION OF THE NORMAL SCHOOL

Training—In a general way it may be stated that the function of a normal school is to train persons for the work of teaching. If teaching is to become a profession in the true sense, those who expect to follow it must receive special training. By professional training we mean special training beyond mere scholarship in language, art, mathematics, science, history, etc., including special preparation and training in those lines of thought and action which have to do particularly with the teaching process. No amount of knowledge of pedagogy will take the place of a broad culture in literature, history, science, mathematics, and other generally recognized college subjects, but this knowledge of pedagogy and related professional subjects is equally essential in the equipment of a man or woman trained for the school room.

Teachers Required—Approximately 35,000 teachers are necessary to supply the public schools of Ohio, the vast majority of whom are required for the elementary schools—that is, the grades below the high school in the townships and village districts. It has been somewhat carefully estimated that about 6,000 of these teachers are new in the work each year.

Value of Training—Much has been said and written concerning the relative strength of normal-trained and college-trained teachers. It must be admitted that a person who has learned how to do a thing can do it better than one who has not learned how. It must not be forgotten that normal training is

not all professional, so-called. The school that can combine these two essentials in the teachers' preparations should certainly be sought. In the *Normal College* of Ohio University this happy combination is found. All studies in the several courses in the College of Liberal Arts are open to the students of the Normal College. To be admitted to any of the regular courses in the Normal College a student must have made a preparation equal to that required for admission to any other regular college course.

Rural School Teachers—Rural teachers are encouraged to attend the State Normal College of Ohio University, where they will be carefully guided in the selections of such studies as will make them more efficient. To enter a teacher's examination after January 1, 1919, a minimum of twenty-four weeks of professional training is required. This increases six weeks each year until 1920, when a full year of not less than 36 weeks is required.

Graduates of the two-year course and the four-year course are granted provisional state life certificates without examination.

The Two-Year College Course in Elementary Education is designed for those who have graduated from high schools of the first grade or who possess equivalent scholarship. Fifteen units of credit are required for admittance to the Freshman class. The course in Elementary Education leads to a diploma from the Normal College. This diploma entitles the holder to a four-year provisional State Certificate upon graduation, and a life certificate after 24 months of successful experience following graduation. These certificates are valid in all but high schools and are accepted as state life certificates in practically every state.

The four-year course in Secondary Education is the equal in scholastic requirements of any other course in the University.

This course leads to the degree of Bachelor of Science in Education, and graduates of this course are given full credit in such institutions as Columbia and Chicago where they may work out the Master of Arts degree by doing one additional year's work.

COURSES OF STUDY IN THE STATE NORMAL COLLEGE

For Teachers of Country Schools—Almost one-half the teachers in Ohio are required to teach the rural or country schools. The State Normal College authorities realize that these teachers usually have the most difficult of all teaching to do, because of the many grades of pupils under the instruction of a single teacher. The State Normal College at Athens recognizes these conditions and realizes also that the people in rural communities are paying exactly the same rate of tax for the support of the State Normal Colleges as the people in the cities.

Elementary Studies—The State Normal College offers special training in all so-called common branches for those who need further drill in these subjects to enable them to teach them better or to secure better certificates. At the same time emphasis is placed upon the methods of teaching these subjects in the country schools. Most teachers and professors in charge of the work in the State Normal College have had practical experience in actual teaching in the country schools, and these people have a clear and accurate vision of the actual needs and environments of the country school. It is one of the cardinal principles of the State Normal College to make constant study of rural-school conditions in Ohio.

Courses are given in Reading, Penmanship, Arithmetic, Grammar, Composition, United States History, Geography, Commercial Geography, Physiology, School Management, School Law, Theory and Practice, Grading and Organizing Country Schools, Courses of Study, Nature Study, Elementary Agriculture, Advanced Agriculture, Manual Training, Domestic Science, Gardening, Elementary Chemistry, Physics, Botany, Latin, German and everything that a progressive rural school teacher needs. Special emphasis is placed upon the problems of country school organization and management.

The Dean of the Normal College will confer with the students and advise them as to the studies they should pursue, but

all assignments are wholly in the interests of the student. The Observation and Practice Teaching required by law are done in the Rural Training School, in the Graded Training School for elementary teachers, and in the John Hancock High School for secondary teachers.

For Grade Teachers—For teachers and students who are ambitious to teach in the graded elementary schools of the towns and cities several courses are offered. For those who are graduates of first-grade high schools, a two-year college course is offered, covering advanced reviews of all the common branches, each pursued in the light of the best methods of teaching the subject in the grades. Courses are offered in Principles of Education, both Primary and Grammar Grade Methods, School Management, Training in Teaching, Paidology, Sociology, Drawing, Music, Nature Study, English, Mathematics, the Elementary Course of Study, History of Education, History, Science, Agriculture, Domestic Science, Manual Training, etc. No foreign language is *required* in this course. It covers two years, and each graduate from this course is given a Diploma in Elementary Education, which entitles the holder to a State Life Certificate, without examination, after twenty-four months of successful experience.

For High School Teachers—The course for high school teachers is a full four-year course, and graduates are granted the degree of Bachelor of Science in Education, the *full equivalent in scholarship and literary culture* of any Bachelor's degree. This course is so arranged that not less than three years of specialization shall be made by the student upon at least one collegiate subject—History, Science, Mathematics, Latin, French, Spanish, or English. This renders every graduate from this course competent to teach in a highly successful degree at least one subject in secondary education. But the high school teacher is just as much in need of a knowledge of pedagogy and of training in actual teaching under skilled supervision as the teacher of the elementary school. It is not enough that such teachers shall know Latin and French and Geometry and whatever they undertake to teach, but these same teachers need to be *trained in methods of teaching* these subjects. A knowledge of subject-matter alone will not make a teacher of its possessor.

Neither will the additional knowledge of Psychology, Principles of Education, History of Education, Methods, School Systems, Administration, etc., insure success. These will help greatly, but the crucial test of every teacher is the actual work in the classroom and this test will demonstrate that the superior teachers have a broad knowledge in subject-matter and a thoro training in methods.

We need trained high school teachers.

Practice Teaching—The State Normal College has the John Hancock High School for the instruction of those who have not completed a four-year high school course, and skilled teachers do the teaching here in Latin, Algebra, Geometry, History, Literature, Rhetoric, Botany, Chemistry, Physiology, Spanish, French, Physics, and all other secondary school subjects. Students in the State Normal College who are pursuing either the course for high-school teachers or the course for superintendents are not only *permitted* to teach in these secondary subjects, but are *required* to do so, and always under the skilled instruction and guidance of the head of the department in which the teaching is done, as well as under the direction of the professor of methods and teaching.

Such training is invaluable, and a school that cannot offer thorough training of this nature is not fully equipped to train teachers for the high schools.

Courses for Superintendents—This course is the same as that for high-school teachers except that the requirement of three collegiate years in one subject is not made, and more work in Administration is required. The State Normal College is each year turning out large numbers of young men *trained* for superintendencies.

For College Graduates—Graduates of reputable colleges may pursue a course of one year in length and receive the degree of Bachelor of Science in Education. All the work of this course is of a professional nature, and is well adapted to meet the needs of those who desire to teach in the elementary schools or high schools or to serve as superintendents.

Course for Rural Teachers—Special attention is called to the course for students preparing to teach in the rural schools.

The opportunities in this direction are unexcelled, and teachers and prospective teachers will find this course most satisfactorily planned to meet their needs. To inexperienced teachers this is a Model School or school for observation, but to experienced teachers and students sufficiently advanced it is a Practice School.

Course for Primary Teachers—Very frequently a teacher desires to make special preparation for work in the First Grade. Excellent opportunities are offered such students. They are permitted to take special work in Primary Methods, do more than the minimum of 120 hours of teaching, take a special course in Kindergarten Methods, do special work in the matter of lesson-planning for the First Grade and devote special attention to Nature Study, Language, Music, Drawing, etc., to fit them for positions as Special Primary Supervisors or Critic Teachers. If a teacher desires to confine her work to the work of the first four grades—that is, to the primary school as distinguished from the grammar school—opportunity is afforded for such specialization, and all the practice teaching of such pupil-teachers may be confined to the Primary Grades in the Training-School. Those who desire to make special preparation for teaching in the Grammar Grades may confine their practice teaching to the Grammar Grades of the Training School.

The Kindergarten—Special attention is directed to the fact that the State College maintains a first-class Kindergarten, under the skilled direction and teaching of specialists of much experience, who not only teach the Kindergarten, but train prospective Kindergartners.

Department of General Science—It is with peculiar pleasure that the State Normal College announces as a strong department that of General Science, consisting of courses in Nature Study or, Civic Biology, Botany, Elementary Chemistry and Physics for the Elementary School. A fine laboratory has been equipped, and opportunities are here offered for thorough work.

Department of Agriculture—The primary purpose is to equip teachers to give instruction in agriculture in the public schools. The reader is referred to the detailed description of the courses elsewhere in this catalog.

The Training-School—The very center of a normal school is its Training-School. A theory of teaching must stand the test of actual practice under normal conditions. Ever since the State Normal College at Athens was opened it has maintained a Training-School. This Training-School now covers work in the Kindergarten, the Primary Grades, the Grammar Grades, the Rural School, and the High School—the full range of teaching in public schools. The Normal College has under its own roof and its own control, the pupils from about one-third of the city of Athens—the portion of the city in which the University is located. These, then, are all real schools, not small schools of selected children, but schools in which real conditions exist. Collectively, these schools constitute our Training-School. During the first year of the student's training the Training-School is used as an observation or Model School in which the teaching is all done by the Critic Teachers, who are trained teachers regularly in charge of each room. During the second year of the course, the pupil-teacher is required to teach in the Training-School, which then becomes to them a Practice School.

During the first year the student or pupil-teacher takes lessons in observing the work done and in reporting his observations. During the second year, after the student has taken a thoro course in Methods, Psychology, Observation, and Principles of Education, he is required to teach in these schools, the work being adapted to his tastes or to the grades in which he wishes to specialize. The Training School is now to him a Practice School. This teaching is done under the guidance and supervision of the Critic Teachers and the Training Supervisor. The work of each student-teacher is carefully criticised.

A similar plan is followed by those who are training for high school positions. They observe the teaching of Physics, Botany, Algebra, Geometry, Literature, Rhetoric, Latin, German, History, and other secondary school subjects. Before graduation each candidate for a degree must teach one or more of these subjects not less than 90 hours, or lessons, and this teachnig must be of such character as will be accepted by the College authorities. The total amount of work in observation and teaching required in secondary subjects is 180 hours. The student may teach 120 hours and observe 60 hours, but not less than one-half of the total of 180 hours shall be given to teaching.

LIFE CERTIFICATES FOR TRAINED TEACHERS

Practically all of the States in the Union recognize the value of professional training for their teachers. This recognition is shown in their certification laws, in which graduates of their State Normal Schools are granted professional certificates exempting their holders from further examinations. By the Morris Bill, enacted in February, 1914, a graduate from any Normal School, or Teachers' College, College or University, who has completed a full four-years' academic and profesisonal course, is granted a provisional state certificate at once, without examination.

The Normal School or College which grants a diploma recognized under the Ohio Law of 1914, must offer a college course of not less than two full years beyond graduation from a four-year high school course or equivalent preparatory scholarship. This means that the preparation for such a professional course must cover not less than 15 units of high school or secondary subjects, a unit standing for a subject pursued not less than one year of not less than 32 weeks. Under the ruling of the State Superintendent of Public Instruction, who is given authority under the law to fix the standards of observation and practice teaching, and determine the ratio of academic work to work in professional subjects, not less than 50% of the two-year course in the Normal College shall be given to educational or professional subjects.

Special Certificate—Graduates from the courses in Kindergarten, Public School Music, Public School Drawing, Manual Training, Domestic Science, or Agriculture are entitled to a four-year state provisional certificate upon graduation, valid in any school in Ohio, to teach the special subject covered by the diploma. After twenty-four months of successful teaching experience this is made a special life certificate by the State Board of School Examiners.

All Graduates of the four-year Normal College course pursue the same general plan and are granted High School Life Certificates. The four-year courses shall include not less than 25% of professional subjects in which shall be included actual Observation and Practice Teaching in Secondary subjects in a

Training School under the direction of the Normal College. This means that no such diploma shall be recognized unless one full collegiate year has been devoted to professional subjects, although the work in these subjects may be distributed throughout the four years. Graduates of the four-year course are granted the degree of Bachelor of Science in Education and a four-year State High School Life Certificate upon graduation and this is made a High School Life Certificate by the State Board of Examiners, after the holder has taught successfully for twenty-four months.

All **Progressive Teachers** in Ohio now certainly have a strong inducement to obtain professional training. The facilities for such instruction in the State Normal College of Ohio State University are such as to meet in every detail all the conditions imposed by the laws of 1914 and by the requirements of the office of the State Superintendent of Public Instruction. The facilities for Observation and Practice Teaching required by this law are more than ample to meet the need in the training of teachers in the elementary schools, in the high schools, in the rural schools, and for positions as supervisors in special subjects or as County Superintendents and District Superintendents.

DEPARTMENT OF SCHOOL ADMINISTRATION

PROFESSOR RICHESON

Note—Odd numbers designate first semester courses. Even numbers designate second semester courses.

201. School Administration. Cubberly's *Public School Administration* is made the basis of this course. Open to Seniors. 3 hours

202. School Administration. A continuation of course 201.

203. Supervision and Criticism. This is a required study in the course for superintendents and high school teachers and is given during the first semester, and occasionally repeated in the second semester. Open to Sophomores and Juniors.

PHILOSOPHY AND ETHICS

PROFESSOR TREUDLEY

203. New Testament History.	2 hours
204. Social Teaching of the Bible.	2 hours
205. Ethics.	3 hours
205. Ethics (Repeated in second semester).	3 hours
207. History of Philosophy.	3 hours
208. History of Philosophy (Continuation of course 107).	3 hours
210. Problems in Philosophy.	3 hours

Other courses will be announced later in the year. Professor Treudley had leave of absence during the year 1919-1920.

**DEPARTMENT OF THE HISTORY AND PRINCIPLES
OF EDUCATION**

PROFESSOR GARD

202. Principles of Education. An introduction to the study of education. A course for teachers in the elementary schools. A consideration of the aim of education, the chief factors in education, the fundamentals of the learning and teaching processes. Open to freshmen. 3 hours

203. Secondary Education. An introduction to secondary teaching. Economy in class-room management, types of learning, influence of age on learning, interest in its relation to learning, consideration of differences in capacity, supervised study, methods of the class period, the art of questioning, measuring the results of teaching, observing in the High School. Open to juniors and seniors. 3 hours

204. Secondary Education. A continuation of course 203. The origin and nature of secondary schools in America. The function of secondary education in a Democracy. The cardinal principles of secondary education. Comparison of secondary education in America with secondary education in the leading countries of Europe. The social problems of secondary schools.

The place of each of the subjects of instruction in a course of study for secondary schools. Open to juniors and seniors.

3 hours

205 and 206. Philosophy of Education. A study of the evolution of educational theory. Open to seniors. (Not offered in 1919-1920.)

207 and 208. Methods of Teaching. For teachers in the grammar grades and junior high school. A study of the different types of the recitation, and of the teaching of the several subjects. Observation in the Training School of the University. This course is closely related to course 202 of this department and continues through the year. Open to freshmen.

2 hours credit each semester

209 and 210. Educational Measurements. An examination of the various scales for determining rank, efficiency and ability of school children in the different school subjects. Open to juniors and seniors.

2 hours credit each semester

211 and 212. National School Systems. A comparison of education in the leading countries and states. Open to seniors. (Not offered in 1919-1920.)

213 and 214. History of Education. Ancient, Medieval, and Modern. A general survey of educational thought and practice from the Greeks to the present. Open to juniors and seniors.

3 hours credit each semester

215. History of Education. A general survey of education from the Reformation to the present. Special attention is given to the permanent influence of the educational reformers on elementary education. Open to sophomores preparing to teach in the elementary schools.

3 hours

216. History of Education—American. A survey of educational thought and practice from colonial days to the present. Attention is given to the social and economic conditions influencing the development of education. The causes and results of the educational revival of the early part of the nineteenth century. Recent developments in education. Open to juniors and seniors.

3 hours

217. Vocational Education. The course deals with the general theory of education in the elementary and secondary school. It also includes some of the history of vocational and education. A general consideration of the social aspects of education. Open to sophomores and juniors. 3 hours

DEPARTMENT OF THE ART OF TEACHING

PROFESSOR COULTRAP

In this department, earnest effort is made to present in a clear, practical, and helpful way what is fundamental in the art of teaching. Special pains are taken to point out the functions and limitations of various methods. It is increasingly clear that pattern methods have less to do with one's success in teaching than has a clear grasp of the fundamental principles of teaching and a more intelligent and conscientious application of these guiding principles in practice. One special object of the course is to give the teachers guiding ideals in teaching.

Purpose of Observation—The visits to the several schools or classes are intended to acquaint the student at first hand with the problems of teaching and school management. Through observation in class-work under efficient instructors, the inexperienced student, or even the student of experience, has an opportunity to define his own educational standards and to enter intelligently into discussions of the course.

Requirements in Observation—All classes in secondary education in the State Normal College and in the several departments of the Athens high school and the John Hancock high school are open to students in Observation and Practice, by courtesy of the instructors. The privilege thus offered should be appreciated.

The Purpose of the Reports—The reports are not intended merely to record what the student saw, nor to afford him an opportunity for criticism. In each report the student is expected to name the problems suggested by the work he observed and to discuss as well as he can the solution of these problems. He is expected to have in mind, in his visits, specific questions to which he seeks answers. Each student is required to use note-books in

the observation work and make a summarized report at the close of each semester.

The Purpose of Teaching—The teaching under supervision offers direct preparation for efficiency in class-room instruction. The student learns best to teach by teaching. In this preliminary experience, he has the guidance of the head of the department and of the instructors in whose classes his work is done.

General Requirements for Teaching—The student is expected to teach three full hours for three hours of credit; but when there is a large number of students taking the work, it may be necessary during certain periods to substitute observation and class-room assistance for the full responsibility of teaching. In all cases the student is required to attend class three full hours per week during the semester. This work in teaching is open only to those who have credits for the requisite amount of professional work. Teaching is given in the senior year.

201. Secondary Didactics. This course is offered in the junior year. Scientific method in class teaching and in the study of educational problems is marked out as the distinctive type of training to be emphasized through this course. Specific difficulties in method will be set before the students, and guidance will be given in finding facts and in working up materials for their solution. The text-book used will be DeGarmo's *Principles of Secondary Education*. 3 hours

203. School Management and School Law. Sophomore requirement in course for Elementary Education. The work embraced under this head deals with the factors affecting the life of the school, both within and without. Attention is directed to the larger questions involved in public education which are now under discussion; and an alert progressive attitude toward these matters is encouraged. Bennett's *School Efficiency* and Bagley's *Class-room Management* will be the text-books for this course. 2 hours

205. Secondary Teaching. Prerequisite, Senior standing. Students presenting themselves for work in practice teaching must have had a minimum of eighteen hours of work in education, including the courses in Secondary Didactics and High

School Methods. Exceptions will be made to this rule only in case of graduate students and teachers of approved experience.
3 hours

206. Secondary Teaching. Prerequisite, Senior standing. This is a continuance of Course 205. Students will be expected to give one or two hours a week to the major subject selected for the first semester, devoting the remaining time to one or two minors, as they may elect.
3 hours

207. Elementary Courses of Study. Sophomore required in course for Elementary Teachers. The student is taken over the Courses of Study, and courses in Arithmetic, Geography, History, Language, and Science are details of the Elementary work written under the direction of the instructor.

The texts used as a basis in this work will be Dr. Chas. McMurry's *Course of Study for Elementary Schools*, and Williams' *Course of Study for Ohio Schools*. This course may be elected by students pursuing any course if they have already taken at least one term of Psychology and are sufficiently advanced in other studies.
1 hour

207. Elementary Course of Study. A repetition of courses 207. It is offered also in the Spring and Summer terms. 1 hour

209. Advanced Grammar and Methods. One semester required in course for Elementary Teachers. This course is designed to help students to a technical knowledge of language which they do not get in *Higher Lessons in English*. Particular attention is given to the growth of the alphabet from its scanty beginnings; to the development of words from roots; to the gains of our vocabulary; to the influence of the Norman-French upon spelling and pronunciation and upon the structure of the sentence; to the dropping of inflections; and, in general, to the tracing of the parts of speech from their sources down. Special emphasis is placed on the methods of presenting this subject. Two or three sections.
2 hours

209. Advanced Grammar and Methods. A repetition of course 209. It is offered also in the spring and summer terms.
2 hours

SECONDARY TEACHING

THE JOHN HANCOCK HIGH SCHOOL

The John Hancock High School was opened in connection with Ohio University in September, 1917. It is expected to realize a two-fold purpose: (1) To give advanced students—those looking forward to the completion of a four-year degree course—an opportunity to observe real professional teaching in a high school and to take part in it under the skilled supervision of expert teachers. (2) To afford young people who may not be able to secure adequate high-school instruction at home a high-grade, well-taught school where, at the minimum cost, they can complete a high-school course fitting them for effective service in some vocation or for entrance to college.

The student body of the John Hancock High School is composed of boys and girls of normal high-school age; the systems of instruction used embody the most modern methods in practice in the best secondary schools of the country; and an attempt is made to have the conditions under which the practice teachers work approach as closely as possible the situations they will face after taking up their chosen vocation. All practice teaching is under expert supervision at all times. The plan of having student teachers assigned to a specific class for a stated period is followed. This period is never less than a half semester. Semester assignments are general. A student assigned to a particular class is expected to teach that class for one hour, five days in the week, during the period of his assignment.

PRIMARY METHODS, OBSERVATION AND TEACHING

MISS WAITE

The Purpose of this department is to train teachers. We attempt to do this through instruction, observation, and practice.

Our Training-School, consisting of about three hundred children, including all the Grammar as well as all of the Primary grades, a Principal, seven Critic Teachers, and five Special Teachers, furnishes ample opportunities for this practice. The Special Teachers teach Music, Drawing, Domestic Science, Manual Training and Nature Study.

202. Primary Methods and Observation. Three times each week throughout one year the class is given a lesson in Primary Methods. At the close of each lesson, the class is taken to the Training-School to see an application of these methods in a model lesson given by a Critic Teacher.

Special attention is given to the teaching of every subject in the Primary Grades, with suggestions as to good devices for drill work. The same may be said of the work in the Grammar Grades, under another department.

203. Teaching. As we learn to do by doing, the best way to learn to teach is by teaching under skilled supervision .

As each student is given a subject to teach in the Training-School he is held entirely responsible for the results of his work. No lesson, however, is ever taught until a plan, submitted at least the day before the lesson, is either approved or corrected.

All of the practice teaching is under the close supervision of the Critic Teacher of the grade, or a special teacher, and the Principal of the Training-School.

DEPARTMENT OF PAIDODOGY AND PSYCHOLOGY

OSCAR CHRISMAN, *Professor*

CLARENCE HOLMES GROWDON, *Assistant Professor*

CLAIR HENRY CALHOON, *Instructor*

GEORGE WALKER HANEY, *Assistant*

The Department of Paidology and Psychology occupies the east half of the second floor and the entire third floor of Manasseh Cutler Hall, the oldest college building in the Old Northwest Territory. The department is provided with a departmental library and equipped with laboratory apparatus and supplies. As may be noted, there are offered in the department a number of subjects in psychology, covering different phases of mental activity, and also a number of subjects in paidology, the science of the child, covering different phases of child life and child activity. Clinics for this department are held each year at the Athens State Hospital by members of the hospital staff. Other state institutions are visited and clinics are given. Members of this department make clinical studies of children of the Juvenile Court, the County Children's Home, and the Public Schools.

It may further be noted in these pages that there are two courses of study placed under the direction of the head of this department, one course offered by the College of Liberal Arts and the other course offered by the State Normal College. The Course in Personnel Testing and Selecting is designed to train those entering into it to supervise the testing and selecting of the personnel in concerns and institutions, in order to meet the demand that is coming for such trained people. The Course in Special Education is to prepare those taking the course for the teaching and supervising of exceptional, abnormal, and retarded children and youth, in order to meet the urgent requests coming from schools and institutions for specially trained people along these lines.

201. Psychology (Introductory). This course includes work in the class-room and laboratory. It is offered each semester, in the spring term, and also in the summer school, with several sections to meet the numbers entering it. 3 hours

202. Paidology (Infancy). In this course will be taken up the first period of life after birth and there will be studied the physical and psychical life of the being at this time, including the diseases of infancy, the beginning of language, volition, motor ability, the rise and development of the senses, etc., and also the care and attention needed by the infant as a basis for future growth. 3 hours

203. Paidology (Childhood). The general characteristics of the child are studied, as physical growth and development, motor activities, instincts, language, imagination, reason, etc. Class, field, and laboratory work. 3 hours

204. Psychology (Economics). This is a course in psychology as applied to economic problems, such as may arise in the life of the individual in the pursuits of business, in professional life, and the like. The study will include laboratory and field work, supplementing the work of the class-room.

205. Psychology (Educational). This course is designed to enter into the nature and development of mental processes, with emphasis upon the activities more directly connected with learning and training. The work will be carried on in class-room and laboratory. 3 hours

206. Psychology (Comparative and Genetic). There will be made a study of mental activity as found in lower and higher animal organisms and in man, with comparisons of human and animal actions. Field, laboratory, and class work. 3 hours

207. Paidology (Boygirhood). This course covers the period of life between childhood and youth. There is taken up the remarkable growth and changes that take place at this time of life together with the mental and moral conditions of this period. Also observations and studies of boys and girls are carried on in the field and in the laboratory. 3 hours

208. Paidology (Adolescence). A study of youth in its mental, physical and moral phases and their significance. Class, laboratory and field work. 3 hours

209. Psychology (Experimental). A study will be made of the subject-matter of experimental psychology, together with demonstration of apparatus and methods of investigation. The students will perform a series of experiments selected to furnish them practice in the apparatus, to acquaint them with the methods of experimental psychology, and to give them power to formulate results of experimentation. 3 hours

210. Psychology (Experimental). Continuation of Course 209. 3 hours

211. Paidology (Historical Child). There is made a study of the child as found among the nations of ancient times, medieval Europe, and earlier United States, and comparisons are made with the child as found at present. Class, field, and laboratory work. 3 hours

212. Paidology (Uncivilized Child). The child among uncivilized and semi-civilized peoples is studied with comparison of the child among civilized peoples. Class, field, and laboratory work. 3 hours

213. Paidology (Exceptional Child). Under the exceptional child are included children not of normal type. Among such children are found the dull, the backward, those with speech defects, anemic children, children with defective sight, children with adenoid growths, defective hearing children, children with physical deformities, children with moral defections,

and the precocious and the exceptionally bright children, also, may be studied here. Tests and measurements are made in the laboratory, and studies made in the field. 3 hours

214. Paidology (Abnormal Child). Defective children, delinquent children, dependent children, and wildings are studied under this heading. Tests and measurements are made. Visitations to institutions. 3 hours

215. Psychology (Social and Individual). A study of the individual in his own activities as modified by groups of individuals as found in the crowd, the mob, the assembly, and other gatherings, social, religious, business, studying especially the influence of suggestions, imitation, and leadership. Class, field, and laboratory work. 3 hours

216. Psychology (Abnormal). A study of mental disorders, as insanity and degeneracy, and of abnormal phenomena, as hallucinations, hypnoses, speech defects, etc. Clinics are held at the State Hospital for the Insane located at this place and visitations are made to other institutions. 3 hours

217. Paidology (Prenatality). This study will include the time of the child before birth. This period will be studied to ascertain what are the conditions of life at this time, what effects are produced here, the necessary care to be given, the problems of heredity and environment, and other matters connected with this period of life which are of such vital importance to the whole future life of the child. 3 hours

218. Paidometry. In this course it is purposed to study the growth and physical development of children. Class, field, and laboratory. 3 hours

219. Clinic and Seminar. This will be a study of the literature, methods, and applications of clinical work with children and of testing and selecting of personnel. 1 hour

220. A continuation of Course 219. 1 hour

DEPARTMENT OF MATHEMATICS

PROFESSOR STEWART

201. Arithmetic. This course is designed to cover the work of arithmetic in the grades. Special attention is given to

plans and methods for presenting the subject. Correlation and gradation are given due consideration.

Text: Lyman's *Adv. Arithmetic*.

Credit, 3 hours

202. Arithmetic. This is a course for high school teachers. The more difficult problems are presented with due regard to forms and principles involved in solution. 3 hours credit

205. Plane Geometry. The habit of original investigation is encouraged. The processes of reasoning, rather than memory work, are emphasized. The principles of geometry are applied to and correlated with the solution of problems in arithmetic.

206. Solid Geometry. This course is offered three times a week during the second semester, and includes the fundamental propositions in planes, polyhedrons and the sphere. Book work is supplemented with original exercises.

208. History and Methods of Mathematics. The object of this course is to meet the needs of the students preparing to teach mathematics in the secondary schools. A brief history, and the present tendencies, followed by a presentation of the best methods of teaching arithmetic, algebra, and geometry make up the work of the course. Credit, 2 hours

NORMAL COLLEGE ART DEPARTMENT

MISS BRISON, *Head of Department*

MRS. JEFFERSON, *Instructor*

MRS. JONES, *Assistant*

MISS SHORE, *Assistant*

A four-year course leading to an art supervisor's diploma and a degree of Bachelor of Science in Education is outlined in detail in the statements of the various courses in the Normal College, on another page.

201. School Drawing. Freshman required. Object drawing, elementary design, and some mechanical drawing. 1 hour

202. Advanced School Drawing. Freshman required. Theory of color, perspective, methods of teaching drawing and type problems for public schools. 1 hour

203. Drawing and Design. Required in the course in home economics. 2 hours

204. Applied Design. Continuation of Course 203. 3 hours

205. Handwork—Required. A course in cardboard construction, knife work, clay modeling, weaving, raffia and reed work planned for primary and intermediate grades, but suggestive for a course for higher grades is given in each semester. 2 hours

206. Bookbinding—Required. 2 hours

207. Art Appreciation. This course takes up art principles and applies them to pictures, interior decorations, architecture, etc. 1 hour

210. Costume Design. 2 hours

211. Art Structure. Required throughout the year in the Art Supervisor's course. This course deals with pure and applied design. 4 hours

212. Continuation of Course 211. 4 hours

213. Drawing Observaiton—Required. 1 hour

214. Drawing Observation. 1 hour

215. Drawing Teaching—Required. 1 hour

216. Drawing Teaching. Continuation of Course 213. 3 hours

217. Pottery. 2 hours

219. Art Structure and Methods. Required throughout a year in the Art Supervisor's course. 4 hours

220. Art Structure and Methods. Continuation of Course 219. 4 hours

221. Water Color Composition. 3 hours

222. Seminar. 1 hour

An art teacher's diploma can be obtained in three years by making selection from the above required work, including all the art and manual arts work in the first three years of the course,

and the necessary credits in education for a state certificate, and electives, in all making a diploma course of not less than ninety college credit hours.

PUBLIC SCHOOL MUSIC

MISS GARBER, *Instructor*

MISS SWAIM, *Assistant*

The aim of this department is two-fold: First—a general study of the rudiments of music, for grade teachers. This work is required of all students taking the regular Elementary Course in the Normal College. The purpose of this is to acquaint the teacher with a sufficient knowledge of music that he may be able to carry on the work intelligently under the direction of a supervisor, or if necessary, to give such instruction himself.

One year and one semester's work is required. The first half of each semester is given to a study of the underlying principles of all the technical difficulties of music as found in the public school course of eight years. In the second half of each semester, the professional side of the subject is considered as thoroughly as possible with attention to practical methods as needed in school-room teaching. For work of third semester, see "Methods A," on following page.

The second aim—a comprehensive study of music for those who wish to become supervisors. All students completing this special course will receive a diploma. Sufficient time to earn this diploma is given. Admission is based upon graduation from a high school of the first grade.

For those without much previous knowledge of music two years will be required to complete the course, but those who have some knowledge of piano and voice may be able to complete the course in less time.

The following is a brief description of the work offered in this Department toward the completion of this course for supervisors. These courses as a rule, are given throughout the year.

201. School Music I. Individual and class drill in singing at sight, without accompaniment, melodies in all major and minor keys. An intelligent study of rhythm, phrasing and expression.

1 hour

202. School Music II. A continuation of Course 201.

203. Ear Training. Systematically graded exercises to quicken the musical hearing. Oral and written reproduction of melodies in all keys. Given for $\frac{1}{2}$ semester. 1 hour

204. Advanced Sight Singing. Folk Dances and Singing games. One-half semester is given to each subject. A class for those who are to become Supervisors of Music. A study of the different music systems in common use is taken up in this class. 1 hour

205. Chorus. A series of practical lessons in the study of material suitable for use in High School and Upper Grammar Grades. Given for $\frac{1}{2}$ semester. 1 hour

The possibilities of the school chorus investigated. Use of the baton as a dignified means of keeping chorus together. Each member of class taught to direct.

207-208. Methods. A course for those preparing themselves to be supervisors of music. Principles of education as applied to the teaching of music. Course of study planned for all grades from First Year through the High School. Special study of children's voices. Study of song material suited to the various years of school life. Rote songs, how to select, to teach, and use them. Special attention paid to Folk Songs and Singing Games. This course to continue throughout the year. 2 hours

211. Methods A. A course for grade teachers. An effort is made to make this work as practical and helpful to grade teachers as possible. The music work for each grade is studied in minute detail.

Considerable time is devoted to Rote Songs, and Singing Games. Course given each semester. 1 hour

212. Observation and Teaching. Nine semester hours of teaching and observation are required in this course. During the first year the pupil-teacher observes music teaching in different grades, and reports on same to Music Supervisors. As soon as students are prepared they begin teaching in the Training Schools, and as they acquire skill in teaching music in all grades under supervision, they become experienced teachers of Public School Music upon finishing the Course.

For a detailed statement of this two-year course for Supervisors of Public School Music, see the Course of Study on the following pages.

ENGLISH LANGUAGE AND LITERATURE

PROFESSOR WILSON

B. L. JEFFERSON, *Assistant Professor*

MARY E. KAHLER, *Instructor*

201. Freshman Composition, Teachers' Course. Oral and written composition in narration and exposition. Several sections. 3 hours

202. Freshman Composition, Teachers' Course. Continuation of Course 201. Oral and written work in description and argumentation. 3 hours

203. American Poetry. This course is based upon Page's *The Chief American Poets*. 3 hours

204. Literature for the Primary Grades. A study of myths, fables, folk-lore, fairy tales, and of one epic. 2 hours

205. American Prose Writers. Selected material from the prose of Irving, Cooper, Poe, Hawthorne, Emerson, Thoreau, and Lowell. 2 hours

206. Literature for the Grammar Grades. Folk-lore suitable for these grades; material from the Arthurian cycle. Selections in prose and poetry from English and American writers. 2 hours

207. Methods of Teaching the English Classics and Composition in the High School. A study of the content of the classics. Consideration of the English course and other problems. Method work and practice teaching. Open to juniors and seniors. 3 hours

208. English Poetry from 1798 to 1896. This course largely follows the material in Page's *The British Poets of the Nineteenth Century*. 3 hours

209. Mrs. Browning and George Eliot. A study of the poetry of Mrs. Browning and of a representative novel of George

Eliot. A consideration of the problems of the literary school to which these writers belonged. 2 hours

210. The English Essay of the Nineteenth Century. A study of some of the leading essayists and literary movements of the Victorian Age. Open to juniors and seniors. 3 hours

212. The English Drama from 1508 to 1612. A study of some of the representative plays of Shakespeare and his contemporaries. Open to juniors and seniors. 3 hours

216. Dickens, Thackeray, Eliot. The study in class of one novel selected from each of these writers. Various problems belonging to the literary work of these novelists will be considered. 2 hours

Note—The course in Freshman Composition is prerequisite to all the courses in literature.

CIVIC BIOLOGY AND BOTANY

PROFESSOR MATHENY

ASST. PROFESSOR BOETTICHER

203 and 204. Freshman Botany. This course will run throughout the year and is required in all courses. It will be a consideration of plants in their practical relation to every-day life, and it will be especially adapted to the needs of teachers. 3 hours

205. Civic Biology. This is a study devoted to the every-day problems presented to us by the living forces in nature. 3 hours

206. Civic Biology. Continuation of Course 205. 3 hours

207. Household Biology. Attention is given to the yeasts, molds and bacteria of the home. One recitation and two hours laboratory work per week. Required in the department of Home Economics. 2 hours

209. Ecology. A study of plants as they are related to their environment. 3 hours

211. General Botany. A course designed as an introduction to the general structure and relationship of plants and their physiology. 3 hours

212. General Botany. Continuation of Course 211.

3 hours

213. Plant Pathology. Plant diseases as they effect farm crops, gardening, orchards, etc., will receive extended attention in this course.

2 hours

214. Plant Pathology. Continuation of Course 214.

2 hours

216. Apiculture. This work will be a study of the biology of the honey bee.

2 hours

217. Apiculture. Continuation of Course 216.

2 hours

218. Plant Histology. A laboratory course in the microscopic anatomy of plants.

2 hours

AGRICULTURE

PROFESSOR W. F. COPELAND

ASSOCIATE PROFESSOR O. E. DUNLAP

This department has extensive equipment and commodious quarters in the new "Agricultural and Household Arts" building completed in 1915. A departmental library and a new greenhouse for indoor experimentation afford excellent facilities for work. Upon the completion of this course students are given a degree in Agricultural Education.

201. Methods in General Agriculture. Work is conducted on the laboratory and recitation plan. For demonstration use is made of the common garden, field and orchard crops. First semester.

3 hours

201. Methods in General Agriculture. Repetition of above course. Spring term.

2 hours

203. Horticulture. The lectures, recitations, and reports will aim to give a general view of the subject. During favorable weather the laboratory work will be done in the fields.

3 hours

204. Horticulture. Continuation of Course 203.

3 hours

205. Soils. Soils will be studied both in the field and in the laboratory. This is a laboratory course and will meet twice each week for two periods.

2 hours

- 206. Soils.** Continuation of Course 205. 2 hours
- 207. Forestry.** This course requires two field trips each week. 2 hours
- 208. Forestry.** Continuation of Course 207. 2 hours
- 209. Animal Husbandry.** This course is planned to give the students a knowledge of the most important farm animals of the different types, and elemental lessons in feeding, balanced rations, and judging. One lecture and two field trips each week. 3 hours
- 210. Animal Husbandry.** Continuation of Course 209.
- 213. Plant Husbandry.** Studies are made of field selection, crop rotation, seed selection, and artificial fertilizers. One lecture and two field trips each week. 3 hours
- 214. Plant Husbandry.** Continuation of Course 213.
- 215. Evolution and Heredity.** A consideration of the prominent theories of evolution and heredity. This course presupposes a knowledge of botany and zoology. 3 hours
- 217. Rural Economics.** A study of the farm problems of wages, rent, labor, land values, and marketing crops. 3 hours
- 218. Methods in Home Gardening and Floriculture.** A modern greenhouse is used for early propagation of plants. This course is recommended for students in Home Economics and may be substituted for one semester of General Agriculture. One recitation and two laboratory periods each week. 3 hours
- 219. Greenhouse Management.** This is a practical course and is a study of the propagation of plants in the Greenhouse and plant Laboratory. 2 hours
- 220. Greenhouse Management.** Continuation of Course 219. 2 hours
- 223. Floriculture.** This course will consist of practical lessons in the propagation and identification of plants used in landscape gardening. A careful study will be made of soil requirements and cultural methods. One lecture and one laboratory lesson each week. 2 hours

225. Farm Management. It will be the purpose of this course to discuss at length the various phases of farm efficiency.
3 hours

227. Plant Breeding. The aim of this course is to study methods of plant improvement. It is mainly a laboratory and field course.
2 hours

229. Amateur Photography. This is a practical course in elementary photography. The main purpose of this course is to enable the student to make use of photographic apparatus in his scientific studies.
2 hours

230. This is a continuation of Course 229.

DEPARTMENT OF RURAL EDUCATION

PROFESSOR MARDIS

Rural Education includes all the school organizations, administration, and teaching under the County Board of Education. This includes the One-teacher Schools, the Consolidated Schools, and the schools of Village districts, having a population below three thousand. It includes County, District, and Village Supervision.

201. The Rural Life and Education Movement. Study of the changed and changing social, industrial, educational, and economic conditions of our national life which have resulted in the rapid growth of the cities at the expense of the rural population, and an investigation of the effects on our national efficiency. Cubberley's *Rural Life and Education*.
2 hours

203. Rural School Didactics. A course in Rural School Didactics is given in which are discussed the Rural School Problem, the school site and grounds, school buildings, school hygiene and sanitation, qualifications and personality of teachers, daily program, recitations, etc.
3 hours

Observation is required as part of the work in Rural School Didactics. The Rural Training School is situated on a beautiful brick-paved road only a few minutes walk from the University.

203. Repeated in Second semester.

205r and 206r. Practice Teaching. After completing a year of college work, all teachers are required to do practice teaching under a critic teacher. The Rural Training School gives superior advantages in this.

207. The Rural Curriculum. In this course a careful study will be made of rural life and rural school conditions. Upon the social, economic and industrial needs of rural life, a course of study for the rural schools will be constructed, independent of the traditional city school influence. The students in this class will make a careful study of what is being done in this line.

207. Repeated in Second semester.

208. Rural School Supervision. This course includes County, District and Village Supervision. Rural School Supervision is a most inviting field for persons of vision, constructive statesmanship and executive ability. The traditional city school organization no longer meets the needs and demands of rural life. Rural Education leadership is one of the most pressing needs in America.

In this course a careful study is made of what the Rural School System of Ohio is and what it should be. Through a re-directed and reorganized rural school system THE TWELFTH YEARBOOK, Part II, *The Supervision of Rural Schools* is the text.

3 hours

210. School Systems of Ohio. This course is open to students who have completed modern history of education. It is a study of the evolution of the educational institutions of Ohio. A study is made of the school lands, the beginning of the Public Schools, the great educational influences in shaping the city school systems, the rural school systems, the growth of supervision, etc.

212. School Law Including School Finance. Every teacher in Ohio should be very familiar with this subject. The teachers should not only know what the school laws are but what they should be to increase the efficiency of the public schools of the state.

2 hours

DEPARTMENT OF GEOGRAPHY

PROFESSOR THOMPSON

202. Physiography, the topical method will be pursued. This work will also be devoted, in part, to the study of methods.

203. Physical Geography.

204. Conservation, the ultimate aim of this course will be to teach the conservation of mineral, fuel, land, water, power, health, products, etc., as a patriotic duty leading to the opportunity for the conservation of man himself.

205. Meteorology. A course consisting of a study of the atmosphere; temperature, evaporation, condensation, fogs, and clouds; optics, general and secondary circulation; climate, and weather forecasting.

Political Geography will be especially designed to meet the needs of those expecting to take teachers' examinations.

DEPARTMENT OF HISTORY AND GOVERNMENT

PROFESSOR THOMAS N. HOOVER

ASSOCIATE PROFESSOR EVAN J. JONES, JR.

201. American History. A course conducted by lectures, reference work, papers, and a term thesis. The guides to the course are the *Manual* and the *Epoch* series. Open to all except preparatory students. Professor Hoover. 3 hours

202. American History. Continuation of Course 201. Professor Hoover. 3 hours

203. Advanced American Government. A thorough study of the actual workings of our Government—National. The *Manual* and Hart's *Actual Government* are used as guides. Professor Hoover. 2 hours

204. Advanced American Government. State and Local. Professor Hoover. 2 hours

205. Constitutional History. A study of the making and ratifying of the Federal Constitution. Sources are investigated and reported upon. Professor Hoover. 2 hours

206. Constitutional Law. The text and case method is used. All the leading cases bearing on the subject are abstracted. Willoughby's *Constitutional Law* is the guide. Professor Hoover. 2 hours

207. Advanced American History. A research course. For 1920-1921, the field will be the period from 1835-1850. This course can be taken only by permission of the instructor. Professor Hoover. 3 hours

208. Advanced American History. Continuation of Course 207. Professor Hoover. 3 hours

209. American Statesmen. A study of the lives of leading American Statesmen. Professor Hoover. 2 hours

212. Government of England. A study of the actual government of England. Professor Hoover. 2 hours

213. International Law. Text and Case method. Text book is by Hershey. 2 hours

214. International Law. Continuation of 213. 2 hours

219. History of Greece. Lectures, outside readings, and recitations. This course deals principally with the growth of Athenian democratic institutions in relation to and in comparison with our own modern institutions. The text is Bury's *History of Greece*. Professor Jones. 3 hours

220. History of Rome. A course dealing with the overthrow of monarchy, the struggle for political equality, the expansion of the republic, the rise and fall of the empire, and the introduction of Christianity. The arts, letters, and social condition will be studied in their respective periods. Siegnobos' *History of the Roman People* is the text. Professor Jones. 2 hours

221. History of France. The Revolution and Napoleon I. The destruction of Bourbon absolutism, followed by the establishment of the principles of the people's sovereignty and the temporary check given those revolutionary principles by Napoleon, will be the central thought followed. Professor Jones. 3 hours

222. History of France. France since the downfall of Napoleon. 3 hours

225. History of England during the Tudor and Stuart Periods. This course deals with the narrative and constitutional history of England during the sixteenth and seventeenth centuries. The aim is to show the centralization of the government during the absolute rule of the Tudors and later the assumption of sovereignty by the people in the reign of the Stuarts. No true conception of the English people of today can be gained without a true knowledge of these formative periods. The course, which is college elective in either the Liberal Arts or the Normal departments, will be conducted by lecture. Professor Jones. 3 hours

226. History of England (Stuart period). This course is a continuation of Course No. 225, but may be taken separately. 3 hours

227. European History. This course is open to all who have had a good high school course in Modern History. 3 hours

228. American History and Government. The course is a combination of American History and Government covering the period from 1789 to the present time.

KINDERGARTEN SCHOOL

CONSTANCE T. MCLEOD, *Principal*
JANE EVANS, *Instructor*

This school offers training for professional work as kindergartens or as an aid in other lines of work.

The course offered is two years in length and leads to the diploma in Kindergarten Education. This course is given in detail on another page. As a part of the regular work, a kindergarten is conducted where students may observe and obtain practical experience in all branches connected with such work. Second year students attend the monthly meetings of the Kindergarten Mothers' Association and so gain an insight into the organization and conducting of such meetings.

Requirements for Admission—graduation from a first-grade high school or equivalent scholarship and ability to play the piano.

The work in Kindergarten Education is as follows:

FIRST YEAR

201 and 202.	Kindergarten Theory and Activities.	5 hours
201a and 202a.	Fr. Mother Play.	1 hour
201b and 202b.	Fr. Occupations.	1 hour
201c and 202c.	Fr. Gifts.	2 hours
201d and 202d.	Kindergarten Games.	1 hour
205 and 206.	Kindergarten Observation and Practice Teaching.	3 hours credit, 7 periods

This includes a class of one period each week for the discussion of the daily work in the kindergarten and an individual weekly conference with each student.

205a. Special Kindergarten Observation. Open to all. 1 credit for 2 hours' observation and 1 class period. 1-3 hours

SECOND YEAR

207 and 208.	Kindergarten Theory and Activities.	5 hours
207a and 208a.	Soph. Mother Play.	1 hour
207b.	Soph. Occupations.	1 hour
207c.	Soph. Gifts.	2 hours
207d and 208d.	Kindergarten Program.	1 hour
208e.	Kindergarten Stories.	2 hours
208f.	Kindergarten Writers.	1 hour
209 and 210.	Kindergarten Observation and Practice Teaching.	
209.	7 periods.	3 hours
210.	15 periods.	7 hours

Kindergarten Theory and Activities—Under the head of Kindergarten Theory and Activities are included all those subjects which pertain especially to Kindergarten education.

This course is constructive. The work of each semester is a continuation of that done before.

Froebel's Mother Play—A study of this work with reference to other writings of Froebel. Education laws and life truths are presented and insight gained into child life.

Program Construction—A study and discussion of the different divisions of Kindergarten work with the planning of programs for definite periods.

Gifts and Occupations—Theory and Practice in use of the Kindergarten play material, known as the gifts, and the Kindergarten occupations, or hand work.

Kindergarten Writers—A discussion of such work as *The Education of Men*.

Froebel, The Kindergarten—The International Kindergarten Union.

Stories—A study of typical stories and of the principles governing their selection, with practice in story telling. Open to all students.

Rhythm, Songs, and Games—A study of these with the principles underlying them. Open to all students.

Kindergarten Observation—Students may observe in the kindergarten without having had Kindergarten Theory and Activities.

DEPARTMENT OF HOME ECONOMICS

EDNA C. ENDLY, B. Sc., *Director*

BERTHA HAYS, B. Sc.

EDITH RHYNE, B. Sc.

205-206. Clothing and Textiles. This course includes the making of fundamental stitches applied to simple garments. Practice is given in cutting, fitting and making undergarments and dresses of wash materials.

A study is made of the development of the textile industry from primitive times to the present; the important fibers and materials made from them. 3 credit hours each semester

207. Clothing and Millinery. Prerequisites, Clothing 205-206, Design 219. This course gives practice in drafting, cutting, fitting, and designing of patterns. Garments are worked out in cotton, silk and wool. Millinery includes work in making

and covering frames and the preparation of trimming.

One part of the course is a study of the identification and grading of textile materials, study of economic aspects of clothing and clothing budgets. 3 credit hours

208. Clothing and Millinery. Prerequisites, Clothing 205-206-207, Design 219. A continuation of course 207. A study is made of Ancient Egyptian, Grecian, early and modern French costumes and their relation to modern costumes. 3 credit hours

203-204. Rural Home Economics. No prerequisites. This is an elementary course in Foods and Textiles, designed to meet the needs of the teachers of Rural Home Economics. Two laboratories and one lecture per week. 3 credit hours each semester

201-202. Foods and Nutrition. A study of the principles involved in the selection and the preparation of foods; the occurrence, composition, cost, and nutritive value of the various food materials. Prerequisites, General Chemistry. 5 credit hours each semester

215. Foods. The purpose of this course is to develop skill in the technique of cooking as well as to apply the principles to wide range of food materials. Prerequisites, General Chemistry, Organic Chemistry, prerequisites or concurrent, and Foods 201-202. 4 credit hours

216. Foods. This course is a continuation of Foods 215, and includes meal planning for different types of families and for special occasions. It also aims to teach the fundamental processes of food preparation as applied to the preparation and serving of diets for the sick and the convalescent. A part of the laboratory work is to be done in the diet kitchen of the University Hospital. Prerequisites, Foods 201-202, Foods 215, General Chemistry and Organic Chemistry. 4 credit hours

219. Domestic Architecture. Study of general principles of design, exterior and interior; surroundings; construction of the house. Heating, lighting, plumbing and ventilation systems. House planning, 1 hour lecture, 4 hours laboratory per week. 3 credit hours

220. Home Economic Sanitation. This course includes a general survey of the fundamental principles of sanitary

science and disease prevention in the home and in communities. It also includes the application of the above principles to water supply, milk and general food supply, disposal of sewage and garbage, the spread and control of infectious diseases, disinfection and disinfectants, occupational diseases, plumbing, ventilation and home nursing. Open only to Home Economic Juniors.

3 credit hours

222. Dietetics. This course includes a study of the chemical, physiological and economic factors entering into the normal diet, as influenced by age, sex, and occupation; the examination of dietary standards; a study of abnormal conditions and dietaries. The laboratory work consists of the preparation of dietaries, both normal and abnormal. Prerequisites, General Chemistry, Organic Chemistry, Physiological Chemistry, Bacteriology, Biology, and Foods 201-202.

4 credit hours

217. Interior Decoration as Related to the Home. Evolution of the house; importance of environment; artistic, economic and sanitary principles of Household Decoration; visits to shops, budgets for homes under varying conditions. Prerequisites, Design 219-204, Domestic Architecture 219.

3 credit hours

218. Household Administration. General survey of problems of Household Management; organization of the family, together with related activities and problems; budgets. Laboratory work in the practice apartment. Open to Home Economics Seniors.

3 credit hours

212. Teachers' Course. Preparatory to practice teaching in Home Economics. Brief survey of evolution of education; of the Home Economic movement. Organization, Home Economic material, psychological principles and pedagogical formulas. Development of methods, lesson plans, courses of study. Class-room management. Observation. Open to Home Economic Juniors.

2 credit hours

213. Teachers' Course. Open to Home Economic Seniors. 212 Prerequisite. Practice teaching—one laboratory and one discussion period for work throughout the year. One lecture per week. Construction of illustration material, vocational edu-

cation. Smith Hughs requirements the project. The Rural School and its problems. 2 credit hours

214. Teachers' Course. Prerequisite 212-213. Continuation Practice Teaching. Equipment of Home Economic laboratories, Home Economics literature; correlation and socialization Home Economics; extension service; new phases and developments in Home Economics and their application to teaching. 2 credit hours

DEPARTMENT OF MANUAL TRAINING

G. E. McLAUGHLIN, *Professor*

D. S. GRONES, *Instructor*

The Work in Manual Training is of such nature that not only those who expect to teach this subject, but every teacher or student would find it not only profitable but a pleasure to do some work in this department.

The Shops of the Manual Training department occupy four large rooms on the lower floor of Ewing Hall. The wood-working room is 60 by 60 feet, well lighted and well suited for our needs. The equipment consists of 20 individual benches and tool equipment, a large number of general tools in cases and wall racks; one 12-inch circular rip and cut off saw, one 26-inch band saw, one 12-inch jointer, one 30-inch grind stone, one boring machine, ten 11 x 26 wood-turning lathes, two 12 x 36 motor driven lathes, one oil stone grinder, wood trimmer, clamps and individual lockers for each student.

The metal working shop is a room 20 by 50 feet, well lighted and well suited for our needs. It contains the following machinery: five 13-inch engine lathes, one power hack saw, one 12-inch force drill, one 16-inch engine lathe, one 13-inch shaper, emery grinder, drilling lathe, benches fitted with vises for filling and chipping, taps and dies and pipe fitting equipment.

Description of Courses—The following is a brief outline of the nature of the major portion of the courses taught in this department.

201. Elementary Wood Work. Laboratory (4 hours). This work consists of the more simple processes of tool work, use of knife, try-square plane, saw and hammer, the soft wood being used. The models followed will be those generally used in the 6th and 7th grades. 3 hours

202. Bench Work. Laboratory, four hours per week. This work includes the hard woods and the more difficult tool processes. All work will be from models and blue prints, and will consist of small pieces, such as clock case, filing box, foot stool, book rack, taboret, etc. Special attention being given to gluing, fitting, sanding and rubbing. 2 hours

203. Joinery. Laboratory, four hours per week. Work will consist in making the different joints both in soft and hard wood, special attention being given to neatness and accuracy. The latter part of term will be given to the application of these joints. 2 hours

205. Wood Finishing. Laboratory, three hours; class, one hour.

This course deals with the different processes of finishing woods, both the theory and the practice.

Also a study of the physical qualities of the various woods.

206. Wood Turning. Laboratory, four hours per week. Exercises in turning given to familiarize the student with wood turning tools and lathe operations. Each exercise introducing a new tool manipulation. These exercises are applied to the making of finished articles in hard wood. The course includes care of lathe and tools, turning between centers, straight taper, curves, beads, face plate and chuck turning, sand papering and polishing. 2 hours

207. Pattern Making. Laboratory, three hours; class, one hour. This course is designed to give a preliminary study of pattern making and foundry practice. A number of smaller patterns are made and finished ready for moulding. Special attention is given to shrinkage, finishing and core work. 2 hours

209. Cabinet Making. Laboratory, four hours. The work consists of paneling, veneering, drawer construction, patching and door fitting. All work is from blue prints, and the student will mill work all stock using the shop equipment. 2 hours

210. Cabinet Making. Continuation of Course 209.

The work consists of working out from your own design and blue prints one difficult piece of cabinet work.

212. Shop Equipment. A study of the care, treatment, and selection of manual training equipment. 1 hour

213. History and Organization of Manual Training. A study of the educational conditions that led to the Manual Training movement and its development. 2 hours

214. Machine Shop. Laboratory, six hours per week. The work includes bench work, chipping and filing, lathe work, straight and taper turning, thread cutting, face plate work, chucking, inside turning, eccentric work, polishing, boring, drilling, shaper work, grinding of tools, and drills, care of lathes, belts and shafting. 2 hours

216. Constructive Design. The work consists in designing models suitable for grade and high school work, special attention being given to proportion. Laying out tentative courses for school work and discussing problems that may arise in the carrying out of these courses. 2 hours

218. Observation and Teaching Manual Training in the Training Schools. Manual training is taught by an instructor from the department, in the city, rural and high school, training schools in connection with the Normal College.

Teachers taking the Manual Training course have the special advantage of observing the work under a special instructor. Also during their second year they will be required to do practice teaching in wood work. 2 hours

219. Manual Training. Continuation of Course 218.

221. Carpentry. Laboratory, two hours; class, one hour. This course assumes previous training in the use of wood working tools. A study will be made of building plans and construction processes, and actual construction of various problems in carpentry. 2 hours

223. Rural Shop Work. Laboratory, four hours. This course is designed especially for rural teachers and students in agriculture. 2 hours

224. Industrial Hand Work. Laboratory, four hours.
This course will deal with the following activities: tin smithing, chair caning, pipe cutting and fitting, inlaying, shoe repairing, and copper work. 2 hours

FEES

The customary fee is charged for all shop courses, and the finished product remains the property of the department. The finished pieces may be purchased by the student, upon payment of the cost of material.

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN EDUCATION DEGREE

There are two distinct kinds of work aimed at in the degree course of the State Normal College: one, to train persons to become supervisors, superintendents, critic teachers, and high school teachers; the other, to prepare persons for teaching and supervising in music, commerce, manual training, home economics, agriculture, and art. For this reason there is some distinction made in the curricula, altho either leads to the degree of Bachelor of Science in Education.

The curriculum for those preparing to become superintendents, principals, high school teachers, etc., is more general than that for those preparing for the teaching of special branches. The candidate may elect the subject in which he wishes to specialize as a teacher, making this his major branch. He may select his work in such a manner as to enable him to gain proficiency in other branches which he may wish to teach.

The curriculum for those preparing to become supervisors of certain branches, such as agriculture, art, music, manual training, etc., allows but little opportunity for election, in as much as such a great portion of the work must be chosen from one group of studies.

One hundred and twenty semester hours of collegiate work is required for graduation in the course leading to the degree of Bachelor of Science in Education.

In order that the student may be allowed a certain degree of freedom in the choice of his subjects in the general course, and thus make closer specialization in his chosen line of work,

the different courses in the State Normal College and those from which he may elect in the College of Liberal Arts are classified in five groups as follows:

1. Literature, Language, Music, and Art;
2. Education;
3. Science;
4. History, Political, and Social Science;
5. Vocational Subjects.

For the further guidance of students in the choice of subjects the various courses coming under each of the groups from which elections are to be made, both in required work and in majors, are enumerated below:

Group I. Literature, Language, Music and Art.

A—**Literature.** Freshman Composition 201. Freshman Composition 202, American Poetry, English Poetry, Literature for the Primary Grades, Literature for the Grammar Grades, American Prose Writers, The English Essay, Methods of Teaching English Classics and Composition in the High School, Mrs. Browning and George Eliot, and the English Drama from 1508 to 1612.

B—Language.

- a. **Ancient.** Latin, Greek.
- b. **Modern.** French, Spanish.

C—See Requirements for the Degree of Bachelor of Science in Education in Music.

D—**The Art Work** as outlined in the Drawing Supervisors' Course.

Group II. Education.

A—**General Methods.** Kindergarten Methods, Primary Methods, Grammar Grade Methods, High School Methods, Secondary Didactics.

- B—Special Methods.** Rural School Didactics, Methods in Teaching Secondary History, Methods in Teaching Latin, Laboratory Methods in Agriculture, Methods of Teaching English Classics and Composition in the High School, Methods in Teaching Manual Training, Methods in Teaching Home Economics.
- C—School Administration.** School Administration, Supervision and Criticism, Secondary Course of Study, and County, District and Village Supervision, School Law.
- D—Education.** History of Education, Science of Education, Philosophy of Education, Educational Measurements, Social Aspects in Education, Modern European School Systems, American School Systems, School systems of Ohio, The Evolution of the High School and the Rural Life and Educational Movement.
- E—Paidology and Psychology.** Introductory Psychology, Paidology (Infancy), Paidology (Childhood), Psychology (Comparative and Genetic), Psychology (Economic), Paidology (Boygirhood), Paidology (Adolescence), Experimental Psychology, Social and Individual Psychology, Abnormal Psychology, Paidology (Uncivilized Child), Paidology (Prenatality), Paidology (Historical Child), Paidology (Exceptional Child), Paidometry.
- F—Practice Teaching.**

Group III. Science.

- A—Exact.** Physics, Chemistry, Mathematics.
- B—Biology.** Household Biology, Civic Biology, First Year Botany, General Botany, Ecology, Plant Pathology, Elementary Science, Apiculture, Plant Histology, Methods in General Agriculture, Horticulture, Soils; Forestry, Farm Animals, Farm Crops, Evolution and Heredity, Rural Economics, Gardening and Floriculture, Laboratory Methods in Agriculture, Greenhouse Management.
- C—Earth Physiography, Geology.**

D—Paidology and Psychology. These studies, altho sciences, are classified in the Educational Group.

Group IV. History, Political and Social Sciences. American History, Advanced American Government (National), Advanced American Government (State and Local), Constitutional History, Constitutional Law, Advanced American History, American Statesmen. The South and Central American Republics, History of Greece, History of England during the Tudor and Stuart periods, Economics, Sociology, Logic, Ethics, Philosophy.

Group V. Industrial Subjects. Home Economics, Manual Training, Commercial Branches.

Should a student enter with six units of foreign language, no further foreign language will be required. All other students will be required to pursue foreign language through the freshman year. For those who enter with no units of credit in foreign language thirty-two semester hours will be required; for those who enter with less than two units, but with one or more, twenty-eight semester hours; for those with less than three but with two or more, twenty-four semester hours; with three units and less than four, sixteen semester hours; with four units, twelve semester hours, and with five units, eight semester hours. The foreign language may be chosen from the foreign language group. Credit will not be allowed for less than one full year of any foreign language.

Each student is required to take courses 201 and 202 in English in the freshman year and either course 203 or 208 in the sophomore year.

No more than six semester hours in music or art will be accepted in any degree course unless the student is specializing in the particular line of work in which credit in excess of this amount is granted.

All students will be required to take at least thirty semester hours from the Educational Group.

Specific requirements in Educational subjects are as follows: General Methods, (Kindergarten Methods, Primary Methods, Grammar Grade Methods, or Secondary Didactics),

three semester hours; School Organization, four semester hours; History of Education, and Science of Education, or Principles of Education, six semester hours; Secondary Education, three semester hours; Rural Education, two semester hours; Paidology and Psychology, six semester hours; Teaching, six semester hours.

Students preparing for work as critic teachers in elementary schools should choose Rural School Didactics, Primary Methods, Kindergarten Methods, or Grammar Grade Methods; Principles of Education and Teaching in the Elementary Training Schools or Kindergarten Schools; all others should choose High School Methods, Science of Education and Teaching in the Preparatory School or *Secondary School*.

All students will be required to have credits in Algebra through quadratic and Plane Geometry. If this work has not been taken in high school it must be taken in College. Students who enter without credit for a unit of Physics or Chemistry will be required to take a year's work in one of these subjects in College. No work in Group IIIA will be required of those specializing in other lines of work.

Students will be required to have nine hours credit in the biological sciences; three of these hours shall be taken in the Department of Civic Biology, three in the Agricultural Department, and the remaining three hours may be selected by the student.

Students entering without credit in Physical Geography will be required to take three semester hours of one of the earth sciences.

All students will be required to take twelve semester hours in Group IV of which at least six semester hours shall in History or Government. Students will be required to major in some branch of study. A major subject is one in which the student has done at least thirty semester hours of collegiate work. This gives the student ample preparation for teaching this particular study with practical assurance of success. Besides majoring in one study students are urged to make careful preparation in some other subject. The minimum requirements are seventeen semester hours from Group I; thirty semester hours from Group II; nine semester hours from Group III, and

twelve semester hours from Group IV. No student will be allowed credit toward graduation on more than sixty semester hours in any group.

One Year Course for College Graduates

Graduates of reputable colleges granting a bachelor's degree on four years' work may elect 15 hours of work each semester in education from the following subjects, with the consent of the Dean of the College. Completion of 30 semester hours in education will entitle the holder of a college degree to receive from the State Normal College of Ohio University the degree of Bachelor of Science in Education.

First Semester—Select 15 hours: Psychology, 3; Paidology, 3; School Administration, 3; Science of Education, 3; History of Education, 3; School Law, 3; Secondary Course of Study, 2; Secondary Didactics, 3; Grammar Grade Methods, 3; Elementary Course of Study, 3; High School Methods, 2; Teaching, 3; Methods of Teaching Special Subjects, 2; Thesis, 3.

Second Semester—Select 15 hours: Science of Education, 3; History of Education, 3; High School Methods, 3; Secondary Didactics, 3; Supervision and Criticism, 2; Teaching, 3; Paidology, 3; History of Elementary Education, 3.

TWO-YEAR COURSE FOR ELEMENTARY TEACHERS

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
Psychology	3	*Principles of Teaching	3
English Composition, Teachers' Course	3	*Advanced Geography and Methods... ..	3
Agriculture with Methods	3	*Arithmetic and Methods	3
†History and Civics and Methods.....	3	Observation and Conference	2
Elementary Course of Study.....	1	Public School Music II.....	1
†Observation and Conference	1	Public School Drawing Advanced.....	1
†Public School Music I	1	Literature in the Grades.....	2
†Public School Drawing	1	Physical Education	
Physical Education			

SOPHOMORE YEAR

FOR TEACHERS OF THE FIRST SIX GRADES

*Grammar with Methods	3	School Management and School Law..	3
History of Education	3	Educational Sociology	2
†Teaching and Plan Writing	3	Teaching and Plan Writing	3
Hand Work	2	Sewing and Cooking	3
Music Methods	1	English Poetry	3
Paidology	3	Civic Biology	3
Sanitation and Health	2		
Physical Education, Normal	1		

SOPHOMORE YEAR

FOR TEACHERS OF SEVENTH AND EIGHTH GRADES

Elementary Course of Study	1	School Management and School Law..	2
History of Education	3	Educational Sociology	2
Teaching and Plan Writing	3	Teaching and Plan Writing.....	3
Paidology	3	English Poetry	3
Rural Life	2	Physical Education, Normal	1
Elective	3	Civic Biology	3
		Elective	2

*Courses so marked are offered each semester.

†Courses so marked are continuous throughout the year.

NOTE—This course requires a total of 66 semester hours.

Spring Term—In order to accommodate teachers who desire to enter college late in April or early in May, a Spring Term is opened. In this term many subjects are offered that will enable the student to do work toward either a diploma or degree course. Special information concerning the work of the Spring Term is given in the Summer School Bulletin, which is issued in February of each year.

The maximum number of hours allowed in one semester is eighteen, not counting Physical Culture, which must be taken two semesters in any diploma course.

The requirements for admission to this course are the same as for admission to all other diploma and degree courses in the University.

SPECIAL

Students who have completed the course for Elementary Teachers or who have completed any of the two-year courses may do the work leading to the degree of Bachelor of Science in Education in two additional years. The subjects necessary to the completion of this course must be carefully selected. The Dean of the Normal College will be pleased to advise such students in selecting their work.

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF EDUCATION IN MUSIC

Prerequisite Full College Entrance Requirements

FRESHMAN

FIRST SEMESTER		SECOND SEMESTER	
Voice	2	Voice	1
Piano or Violin	1	Piano and Violin	1
School Music I	1	School Music II	1
Harmony	2	Harmony	2
Methods	2	Observation	2
History of Music	2	History of Music	2
Observation	2	School Management and School Law..	3
Ear Training, ½ Semester.....	1	Methods	2
Chorus and Conducting, ½ Semester..	1	Advanced Sight Singing, ½ Semester..	1
Elective	2	Folk Dances and Singing Games, ½ Semester	
		Elective	2

SOPHOMORE YEAR

Voice	2	Voice	2
Piano and Violin	1	Harmony	2
Harmony	2	Methods, ½ Semester	1
Chorus and Conducting, ½ Semester..	1	Teaching	2
Methods	2	Ear Training, ½ Semester.....	1
Teaching	2	Principles of Education	3
Psychology	3	Paidology	3
English Composition	3	Literature in grades	3

JUNIOR YEAR

Voice	2	Voice	2
Interpretation and Form	3	Interpretation and Form	3
Science of Education	3	Science of Education	3
Spanish or French	5	Spanish or French	5
Psychology	3	Psychology	2

SENIOR YEAR

Voice	2	Voice	2
Instrumentation	3	Instrumentation	3
History of Education	3	History of Education	3
School Administration	3	Supervision and Criticism	2
Survey of English Literature	3	Shakespeare	3
Sociology	2	Modern Drama	2
		Sociology	2

DIPLOMA COURSE IN PUBLIC SCHOOL MUSIC

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
Voice	2	Voice	1
Piano	1	Piano	1
School Music I	1	School Music II	1
Harmony	2	Harmony	2
Methods	2	Observation	3
History of Music	2	History of Music	2
Observation	2	School Management and School Law..	3
Ear Training, ½ Semester	1	Methods	2
Chorus and Conducting, ½ Semester..	1	Advanced Sight Singing, ½ Semester..	1
Elective	2	Folk Dances and Singing Games ½ Semester	1
		Elective	2

SOPHOMORE YEAR

Voice	2	Voice	2
Piano	1	Piano	2
Chorus and Conducting, ½ Semester..	1	Methods	3
Ear Training, ½ Semester	1	Advanced Sight Singing, ½ Semester..	1
Methods	2	Folk Dances and Singing Games ½ Semester	1
Teaching	3	Teaching	2
Psychology	3	Principles of Education	3
English Composition	3	Paidology	3
		Literature in Grades	2

*NOTE—Two years following graduation from a four-year high school course will generally be required to complete this course, but those having some advanced knowledge of piano and voice may be able to complete it in less time.

DEGREE COURSE FOR TEACHERS OF COMMERCIAL SCIENCE, B. S. IN EDUCATION

FRESHMAN YEAR

FIRST SEMESTER

A Foreign Language	4
English Composition	2
Economics	3
American History	3
College Algebra, or Physics, or Civic Biology	3

SECOND SEMESTER

A Foreign Language	4
English Composition	2
Commercial Law	3
American History	3
Trigonometry, or Physics, or Civic Biology	3

SOPHOMORE YEAR

American Poetry	3	English Poetry	3
Accounting I	4	Accounting II	4
Negotiable Contracts	2	Money and Banking	2
Commercial Geography	2	Advanced Economics	2
Industrial History	2	Principles of Education	3
Psychology	3	Elective	1

JUNIOR YEAR

Accounting III	2	Corporation Finance	2
Public Speaking	2	Accounting Problems	2
Stenography I	4	Stenography II	4
Typewriting and Comp. I	2	Typewriting and Comp. II.....	2
Corporation Accounting	3	Psychology	3
Secondary Course Study	2	High School Methods	2

SENIOR YEAR

Teaching	3	Advanced Civics	2
Stenography III	3	Thesis on Com'l Subject.....	3
History of Education	3	Teaching	3
School Administration	3	History of Education	3
Elective	3	Supervision and Criticism	2
		Elective	2

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION AND ART SUPERVISOR'S DIPLOMA

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
English Composition	3	English Composition	3
Psychology	3	School Management	2
History	3	History	3
School Drawing	1	School Drawing	1
Free Hand Drawing	4	Free Hand Drawing	4
Art Appreciation	1	Hand Work	2
Physical Education	0	Physical Education	0

SOPHOMORE YEAR

A Foreign Language	4	A Foreign Language	4
Science	3	Civic Biology	3
Paidology	3	Elementary Course Study	1
Art Structure	4	Book Binding	2
Mechanical Drawing	2	Art Structure	4
		Mechanical Drawing	2

JUNIOR YEAR

Sociology	2	English	2
Art Structure and Methods.....	4	Art Structure and Methods.....	4
Pottery	2	Painting	4
Observation of Teaching	2	Art Teaching	2
Electives	5	Secondary Education	3

SENIOR YEAR

History of Ancient Education.....	3	History of American Education.....	3
Supervision and Criticism	3	Painting	4
Water Color Composition	3	Seminar	1
Art Teaching	2	Art Teaching	2
Electives	5	Electives	5

DIPLOMA COURSE IN MANUAL TRAINING

FRESHMAN YEAR

FIRST SEMESTER

Psychology	3
School Drawing	1
Mechanical Drawing	2
Elementary Wood Work	3
Joinery	2
Wood Finishing	2
English Composition	3

SECOND SEMESTER

Principles of Education	3
Mechanical Drawing	2
Bench Work	2
Wood Turning	2
Observation and Methods	2
School Management and School Law..	3
English or Forestry	3

SOPHOMORE YEAR

Cabinet Making	3
Pattern Making	2
Carpentry	2
Mechanical Drawing	2
Industrial Education	2
Teaching	2
History and Organization of Manual Training	2

Cabinet Making	2
Machine Shop	2
Hand Work, Industrial	2
Mechanical Drawing	1
Constructive Design	2
Teaching	2
Science of Education	3
Electives	2

DIPLOMA COURSE IN KINDERGARTEN EDUCATION

FRESHMAN YEAR

FIRST SEMESTER

Psychology	3
Kindergarten Theory and Activities..	5
Instrumental Music	1
English Composition, N. C.....	3
Observation and Methods	3
Sanitation and Hygiene	2

SECOND SEMESTER

Principles of Education	3
Civic Biology	3
Kindergarten Theory and Activities..	5
School Management and School Law..	3
Observation and Practice	3
Elective	1

SOPHOMORE YEAR

Kindergarten Theory and Activities..	5
School Music	1
School Drawing	1
Paidology	3
Teaching in Kindergarten	3
Hand Work	2
Primary Methods	2

Kindergarten Theory and Activities..	5
School Music	1
Teaching in Kindergarten	7
History of Education	3

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION IN HOME ECONOMICS

FIRST YEAR

FIRST SEMESTER		SECOND SEMESTER	
English	3	English	3
Chemistry	4	Chemistry	4
Biology	3	Biology	3
Clothing and Textiles	3	Clothing and Textiles	3
Drawing and Design	3	Applied Design	2
	<hr/>	Art Appreciation	1
Total	16	Total	16

SECOND YEAR

English	3	English	3
(Literature)		Writing articles for publication	
Organic Chemistry	4	Public Speaking	
Physiology	3	Physiological Chemistry	4
History—M. & M.	3	Physiology	3
Foods	5	History—American and Civics	
	<hr/>	Present Day Problems	3
Total	18	Foods	5
		Total	18

THIRD YEAR

Physiological Chemistry	4	Dietetics	4
Bacteriology	4	Sanitation	3
Economics	3	Economics	3
Psychology	3	Principles of Education	3
Domestic Architecture	3	Costume Design	2
	<hr/>	Teachers' Course	2
Total	17	Total	17

FOURTH YEAR

Teachers' Course	2	Teachers' Course	2
Advanced Clothing and Millinery....	3	Clothing and Millinery	3
Sociology	3	Sociology	3
Advanced Foods	4	Advanced Foods	4
Interior Decoration as Related to		Household Administration	3
House	3		<hr/>
Total	15	Total	15

REQUIREMENTS FOR THE DEGREE OF BACHELOR OF SCIENCE IN EDUCATION IN AGRICULTURE

FRESHMAN YEAR

FIRST SEMESTER

General Agriculture	3
Horticulture	3
Civic Biology	3
English	3
Manual Training	2
Mechanical Drawing	2

SECOND SEMESTER

Garden and Floriculture	3
Horticulture	3
Civic Biology	3
English	3
Manual Training	2
Mechanical Drawing	2

SOPHOMORE YEAR

Chemistry	4
Botany	3
Forestry	2
Plant Husbandry	3
Reinforced Concrete	3

Chemistry	4
Botany	3
Forestry	2
Plant Husbandry	3
Commercial Law	3

JUNIOR YEAR

Physics	3
Soils	2
Animal Husbandry	3
Botany	2

Floriculture or Greenhouse Manage- ment	2
Practice Teaching	3
Farm Management	3

SENIOR YEAR

History of Education	3
School Administration	3
Economics	3
Evolution and Heredity	3
Electives	6

School Administration	3
Science of Education	3
Rural Economics	3
American Government	2
Electives	6

Electives—Electives may be selected from the following courses:

Rural Education	4	Industrial Education	2	Sociology	2
Ethics	3	Philosophy	3	Economics	3
Chemistry	6	Geology	3	Zoology	3
Gas Engines	2	Amateur Photography...	4	Floriculture	2
English	3	Foreign Language	6	Mathematics	4
Psychology	3	Apiculture	2	Plant Breeding	4

Soils and Animal Husbandry will be offered in alternate years. Animal Husbandry will be given in years beginning with even years, and Soils in those beginning with odd years.

DIPLOMA COURSE IN SCHOOL AGRICULTURE

FRESHMAN YEAR

FIRST SEMESTER		SECOND SEMESTER	
Methods in General Agriculture.....	3	Methods in Gardening and Floriculture	3
Horticulture	3	Civic Biology	3
Civic Biology	3	Horticulture	3
Manual Training	2	Chemistry	4
Chemistry	4	Botany	3

SOPHOMORE YEAR

Soils	2	Soils	2
Forestry	2	Forestry	2
Evolution and Heredity	3	Rural Economics	3
Botany	2	Botany	2
Farm Animals	3	Farm Crops	3
Science of Education or Principles of Education	3	Science of Education or Principles of Education	3
Electives	3	Electives	3

TWO-YEAR DIPLOMA COURSE FOR RURAL TEACHERS

FIRST YEAR		SECOND YEAR	
FIRST SEMESTER		SECOND SEMESTER	
Elementary Psychology	3	Rural Curriculum	3
Rural Didactics	3	American Poetry	3
American History	3	Manual Training, or Home Economics	2
English Composition	3	Sanitation and Health	2
Agriculture with Methods	3	Public School Drawing I.....	1
Grammar with Methods or Literature in the Grades	2	Plans and Practice Teaching.....	3
Physical Education		Elective	3
Public School Music I.....	1		
The Rural Life Movement.....	2	Paidology	3
Principles of Education.....	3	History of Elementary Education....	3
American History	3	Manual Training, or Home Economics	2
Arithmetic with Methods	3	Sociology....2, or Rural Economics...	3
Gardening, or Physiography	3	Public School Drawing II.....	1
Civic Biology	3	Plans and Practice Teaching.....	3
Physical Education		County, Village and District Supervision, or other Elective.....	3
Public School Music II.....	1		

COURSE IN SPECIAL EDUCATION

LEADING TO THE DEGREE OF THE BACHELOR OF
SCIENCE IN EDUCATION

(For the Training of Teachers and Supervisors of Exceptional, Abnormal, and Retarded Children in School and Institutional Work.)

FRESHMAN YEAR

FIRST SEMESTER

English	3
American History	3
Foreign Language	4
Psychology (Introductory)	3
Drawing	1
Music	1
Physical Education	0

SECOND SEMESTER

English	3
American History	3
Foreign Language	4
Paidology (Infancy)	3
Drawing	1
Singing Games	1
Physical Education	0

SOPHOMORE YEAR

Civic Biology	3
Kindergarten	3
Sanitation and Hygiene	2
Mechanical Drawing	2
Paidology (Childhood)	3
Folk Dancing	1
Music (Piano)	1

Garden and Floriculture	3
Kindergarten	3
Next Generation	1
Hand Work	2
Psychology (Educational)	3
Story Telling	2
Music (Piano)	1

JUNIOR YEAR

Home Economics	3
Educational Measurements	2
Manual Training	2
Sociology	2
Paidology (Exceptional Child)	3
Elective	3

Home Economics	3
Educational Measurements	2
Manual Training	2
Supervision and Criticism	2
Paidology (Abnormal Child)	3
Elective	3

SENIOR YEAR

History of Education	3
Paidology (Prenatality)	3
Observation and Teaching	3
Paidological Clinic and Seminar.....	1
Elective	5

Science of Education	3
Paidometry	3
Observation and Teaching	3
Paidological Clinic and Seminar.....	1
Elective	5

The faculty adviser for this course in special education is Professor Chrisman, whose office is in Manasseh Cutler Hall, second floor, north-east room.

OHIO UNIVERSITY

Degrees and Diplomas, Commencement, June 19, 1919

Bachelor of Arts, (A. B.)

Howard Curtis Bobo	Athens
Robert Stanley Bone	Xenia
Robert G. Bowden	Athens
Julia Luella Cable	Athens
Everett Sidney Cassady	Belpre
Clarence Orton Chapman	Dexter
Mary Jennette Coen	Bowling Green
Olive Blanche Crim	Uhrichsville
Marie Romaine Downing	Middleport
Margaret Matilda Durrett	Circleville
Russell Weihr Finsterwald	Athens
Edna Dell French	Washington C. H.
Mary Lawrence Fulton	Athens
Mary Ruth Gorsuch	Pomeroy
William Carlton Hall	Aid
Mark Clayton Hendrickson	Norwalk
Josephine Sharpe Higby	Higby
Mayme Virginia Johnston	Athens
Frederica Kasler	Nelsonville
Harlan Clifford Koch	West Lafayette
Olive Pearl Lee	Fredericktown
Stanley Lewis	Gallipolis
Grace Grosvenor McKee	Athens
Anne James McNaughten	Pleasantville
James Ambrose Malone	Athens
Helen Mullineux Mauck	Gallipolis
Beryl Rebecca Moler	Athens
Elizabeth Murray	Congo
Juanita Marie Pace	Roseville

Virgil Clement Pettit	Logan
Fred Stewart Pickering	Athens
Anna K. Price	Athens
Lowell Mason Price	Logan
Frank Coleman Ransdell	Athens
Leo Gaylord Robinson	Marietta
Sue Jane Rowan	Napoleon
Flora Lake Shepard	Athens
Grace Lucile Sherman	Buckeye City
Anna Belle Speyer	Athens
Helen Edith Stocklin	Athens
Everett McKinley Stowe	Highland
Mabel Lenore Taylor	Pennsboro, W. Va.
Marie Louise Voigt	Athens
John Michael Williams	Jacksonville
Thomas McKinley Wolfe	Smithfield
William Rumer Yaw	Glouster

Bachelor of Science in Education, (B. S. in Ed.)

John Franklin Alford	Bremen
Margaret Smedley Allen	Athens
Isabella Elizabeth Bacon	Kinsman
Walter Everett Barnhill	Athens
James Lewis Beck	Coshocton
Eva Mabelle Bork	Gibsonburg
Mary Anna Buchanan	Waterford
Otis Austin Burton	Leesburg
Naomi Caldwell	Urbana
Dae Cunningham	Mt. Blanchard
Bessie Arzula Darling	Warsaw
Merrill La Rue Dennis	Jewett
Ethel Mae Dicken	Newark
Howard Clifton Drake	Richwood
Arthur Hodges Dumaree	Athens
John William Flood	Rushville
James Lloyd Fri	Creola
Sara Cox Greene	Chillicothe
Brandon Tad Grover	Athens
Daisy Irene Herrold	Nelsonville
Bertha Opal Hurd	Laings

Patience Leonard	Bremen
George Wayne Lutz	Gallipolis
Effie Jeanette McKee	Nelsonville
Eula Blanche Mahan	Bristolville
Lindsay Curtis Martin	Proctorville
Ethel Lydia Moore	Findlay
Blodwen Jane Morgan	Martins Ferry
Ruth Secrest Nicholson	Buffalo
Lena Blanche Phillips	Athens
Edith Leora Porter	Vincent
Marzuela Richards	Athens
Mary Oliver Roberts	Steubenville
Flora Belle Robinson	Shinnston, Pa.
Anna Rowan	Napoleon
Nina Elizabeth Rowland	Athens
Zua Shoemaker	Piketon
Jessie Gay Spellman	Jeffersonville
Treva Irene Stubbs	Greenville
Henry Lee Sullivan	Georgetown
George Hershel Turner	Allensville
*Eleanor Ward	Sandusky
Freda Floella Warren	Pleasant City
Waldo Harrison Weik	Mt. Healthy
Melba Rowena White	Athens

HONORARY DEGREES

Doctor of Laws (LL. D.)

Thomas Alfred Jones, A. B., A. M.....	Class of 1881
Judge of the Supreme Court of Ohio	
Henry Wilson Coultrap, A. B.....	Class of 1871
Judge, Court of Common Pleas, Vinton County, Ohio	

Doctor of Pedagogy (Ped. D.)

Robert Louis Ervin, A. B., A. M.....	Yale University
Superintendent of Public School, Steubenville, Ohio	

*Deceased.

Frank Jay Prout, B. L.....Ohio Wesleyan University
 Superintendent of Public Schools, Chillicothe, Ohio

Master of Arts (A. M.)

George Washington Reed, A. B.....Class of 1888
 Attorney-at-Law, Uhrichsville, Ohio

Charles Hood FoutsStudent at O. U., 1885-1890
 Attorney-at-Law and Member of the General Assembly
 of Ohio, McConnelsville, Ohio

Course in Elementary Education (Two-Year)

Maude Ruth AnselZaleski
 Esther Lucile BantonNewark
 Hazel BarbeeLogan
 Ivalue BeekmanAthens
 Catherine Ruth BischoffNew Carlisle
 Edna Irene BlackAthens
 Helen Edith Boyles.....North Lewisburg
 Margaret BradleyCincinnati
 Mary Lee BrittonNew Philadelphia
 Gladys Irwin BroughCadiz
 Mildred Faye BrunnerUhrichsville
 Helen Jeannette BurrisMartins Ferry
 Clara Marie CongletonParkersburg, W. Va.
 Kelly Zulia CrozierBellaire
 Dorothy Wilson DaileyBainbridge
 Lela Fent DarbyAthens
 Helen Marie DeffenbaughLancaster
 Jessie Chloe DeMentMacksburg
 Frances Hilda DickelKeyser, W. Va.
 Gwendolyn Lelia DinsmoorNew Marshfield
 Nellie Florence EdgertonChesterhill
 Roberta Myrl EwingWellston
 Ruth Imogene FelumleeNewark
 Pauline Chlotiel GarrisonPortsmouth
 Rachel Lois GatchelMartins Ferry
 Ruth Anna GatesMarietta
 Mary Margaret ColdcampPedro
 Thelma GriffinCoolville

Thelma Geraldine Groome	Coolville
Garnet Merle Harkins	Pennsville
Ethel Marie Harris	New Philadelphia
Ruth Lucile Harris	Plain City
Ruth Hartley	Caldwell
Cora Irene Haynie	Blanchester
Elsie Pearl Haynie	Blanchester
Florence Lee Hennis	Reynoldsburg
Irene Lenore Hewett	Blanchester
Helen Marie Hoffert	Bradford
Florence Mae Hupp	Hemlock
Elizabeth Elma Inmann	Nelsonville
Ruth Amelia Lafferty	Uhrichsville
Margaret Catherine Lawless	Ironton
Iva Ethel Lawlis	Cadiz
Lucy Lonsinger	Walhonding
Mary Jane Lower	Amanda
Leota Blanche McBride	Marietta
Josephine Eugenia McCulloch	Fremont
Grace Speir McKinley	Kinsman
Mary Elizabeth McNaughton	Pleasantville
Esther Elizabeth Miller	Martins Ferry
Lulu Belle Miller	St. Clairsville
Irene Chilton Moats	Rendville
Martha Monroe	Marietta
Maud D. Peairs	Roxabell
Mary Olive Pedigo	New Marshfield
Lena Marie Petty	Logan
Genena Leona Pitts	Wellington
Helen Mae Pletcher	Zanesville
Georgia Estella Ramage	Warnock
Ethel M. Reese	Glouster
Helen Belle Roberts	New Richmond
Edna May Rood	Marietta
Beulah Lorene Scott	Nelsonville
Gladys C. Smith	Pleasantville
Hattie Mary Smith	Marietta
Mabel Anna Smith	Somerton
Nellie Lavina Smith	Newark
Olive Pearl Smith	Somerton

Ruth Myrvil Snell	Crooksville
Mabel Frances Sorensen	Port Clinton
Evaline LeNoir Spitler	Pleasantville
Bernice Mary Tebay	Parkersburg, W. Va.
Annette Thomas	Jackson
Maud Ethel Thompson	White Cottage
Elizabeth Lawson Walker	Hillsboro
Gladys Watkins	Chauncey
Della Mae Webb	Murray
Ethel Mae Welsh	Wellston
Elva Gail Welshimer	West Mansfield
Faye Beatrice Williamson	Laurelville

Course in Public Speaking (Two-Year)

Lillie Myrtle Boyd	Newark
Beulah Merle Clark	Amesville
Ferol Day Strickland	Plain City

Course in Kindergarten (Two-Year)

Kathryn Elizabeth Dilcher	Charleston, W. Va.
Ada Ella Hard	Chillicothe
Ruth Marguerite Hartmann	Chillicothe

Home Economics Course (Two-Year)

Madaleine Murrill Allen	Charleston, W. Va.
Ethel Elizabeth Brenner	Canal Winchester
Edith Ellen Hennis	Reynoldsburg
Vesta Marie Hoover	Van Wert
Nellie Foreman McGee	Caldwell
Marie Anna Shupe	Kingston
Iva May Swinehart	Rushville
Dorothy Minnie Voigt	Holgate

Course in Manual Training (Two-Year)

John Wilbur Fast	St. Marys
Oliver Lee Wood	Lyndon
Robert Fletcher Zimmerman	Albany

Drawing Supervision Course (Three-Year)

Inez Mary French	Napoleon
Margaret Salome French	Napoleon
Ida May	Athens
Anna Rowan	Napoleon
Isabel Trudie Shore	Parkersburg, W. Va.
Mary Isabelle Swetland	Belle Center
Grace Walker	Athens

Drawing Course for Teachers (Two-Year)

Lois Elizabeth Lackey	Girard
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Diploma in Voice

Marie Elizabeth Richter	Milford Center
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Public School Music Course (Two-Year)

Louise Baughman	Coshocton
Clara Eleanor Henry	Amesville
Gladys Sylvia Lantz	Portsmouth
Jean Stafford Lippincott	Sidney
Olive Katherine Moore	Ironton
Ruth Elise Sawyer	Gallipolis
Martha Mary Trimble	Circleville

Course in Commerce (Two-Year)

Hortense Irene Stoutenberg	Norwalk
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Course for Teachers of Stenography (Two-Year)

Blodwen Jane Morgan	Martins Ferry
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Course in Agriculture (Two-Year)

Raymond Sylvester Wolfe	Athens
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ALUMNI ASSOCIATION

CONSTITUTION

ARTICLE I. This Association shall be called the "Alumni Association of the Ohio University."

ARTICLE II. The officers of the Association shall be President, Vice-President, Secretary, Treasurer, and an Executive Committee, consisting of four members, to be chosen annually.

ARTICLE III. The annual meeting of this Association shall be held in connection with the Commencement exercises of the University.

ARTICLE IV. The object of this Association shall be to cultivate fraternal relations among the Alumni of the University and to promote the interests of our Alma Mater by the holding of social reunions, by literary exercises, or by such other means as the Association may, from time to time, deem best.

ARTICLE V. Any member of the faculty, and graduate of the University, also anyone who has spent three years in the college classes of the University, and has been honorably dismissed, may, by the payment of one dollar and the signing of the Constitution, become a member of this Association.

ARTICLE VI. This Constitution may be altered or amended at any annual meeting, by a vote of two-thirds of those present at such meeting.

ARTICLE VII. *Amendment.* The members of this Association shall each pay into its treasury an annual fee of one dollar, and the sum so paid shall be expended in defraying the expenses of the annual reunion.

OFFICERS

GENERAL ALUMNI ASSOCIATION

President, Judge D. H. Thomas, '96.....Marietta, Ohio
Secretary, C. L. Martzoff, '07Athens, Ohio
Treasurer, J. R. Morton, '05.....Athens, Ohio

EXECUTIVE COMMITTEE

Judge L. G. Worstell, '88Athens, Ohio
 Mrs. Belle Mercer, '18Athens, Ohio
 Mrs. Mary Townsend Porter, '02.....Athens, Ohio

OFFICERS

THE ATHENS LOCAL ALUMNI ASSOCIATION

President, Dr. W. F. Copeland, '02.....Athens, Ohio
 Secretary-Treasurer, Julia L. Cable, '19.....Athens, Ohio

EXECUTIVE COMMITTEE

Prof. A. A. Atkinson, '91.....Athens, Ohio
 Dr. L. G. Bean, '99Athens, Ohio
 Thomas M. Wolfe, '19.....Athens, Ohio
 Mary Kaler, '02Athens, Ohio
 Anna Pickering, '14Athens, Ohio

THE CHILLICOTHE ASSOCIATION

President, Mrs. Blanche Wolfe Waters, '13....Chillicothe, Ohio
 Secretary, Mrs. Jean Talbott Brandle, '16....Chillicothe, Ohio
 Treasurer, Florence Miesse, '12Chillicothe, Ohio

THE NEW YORK ASSOCIATION

President, Calvin B. Humphrey, '88.....New York City
 Secretary-Treasurer, Rose E. Herrold, '15.....New York City

LECTURES, CONCERTS, RECITALS, DRAMATIC PERFORMANCES, ETC.

*(Given in the College Auditorium from October, 1919,
to April, 1920)*

- October 16—Address by Robert E. Speer, New York.
October 31—Southeastern Ohio Teachers' Association—Lecture by Dr. Chas. Wishart, President of Wooster College.
November 3—Kryl's Orchestral Sextette.
November 7—Miss Maude Powell, Violin Concert.
November 11—Hamlin Garland, Lecture.
November 19—Faculty Musical Recital, Miss Allen and Miss Ruggles.
November 25—William Rainey Bennett, Lecture on "Pathways to Power."
December 5—Maier and Patterson, Piano Concert.
December 9—Strickland Gillilan, Lecture.
December 16—Annual Fall Concert of Girls' Glee Club.
January 12—French Club presented "The Imaginary Invalid," by Moliere.
January 15—Miss Florence Hawkins, Vocal Recital.
January 26—"Pirates of Penzance," by the Ohio University Choral Society.
February 9—Carlo Liten and company of French players give "Polypheme," "Le Baiser," and "Le Caprice."
February 10—Robert Mac Gowan, Lecture, "The Creed of the Flag."
February 18—Founders' Day—Addresses by Ex-President W. H. Scott, and Edward S. Parsons, President of Marietta College.
February 18 and 20—"Merchant of Venice," by Department of Public Speaking.
February 19—Mr. Laurant, Legerdemain entertainment.
February 22—"What's Wrong With the World," Lecture by Peter Collins
March 5—Beatrice Forbes-Robertson Hale, Lecture, "Problems of Reconstruction in America and England."
March 12—May Peterson, Vocalist.
March 14—"World Upheavals," Illustrated Lecture by Inter-Church World Movement Committee.
March 14—Lecture, Dr. Harry F. Ward, Union Theol. Sem., N. Y.
March 16—Lecture, Dr. Cyril Haas, Turkish Missionary.
March 17—Montague Opera Singers, Concert.
March 19—Intercollegiate Debate, Denison vs. Ohio.
March 24—Morgan Kingston, Metropolitan Tenor.

REGISTER OF STUDENTS

COLLEGE OF LIBERAL ARTS

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Acord, Madge	A. B.	Sen.	Kingston
Addicott, Harold Brown	A. B.	Soph.	Athens
Agarter, Inez Pauline.....	A. B.	Fresh.	Lima
Alexander, Frances Byers.....	A. B.	Jun.	Cadiz
Allen, Robert James.....	A. B.	Fresh.	Geneva
Aller, Ruth Marie	A. B.	Fresh.	LaRue
Amos, James Montgomery.....	A. B.	Fresh.	Crooksville
Anderson, William Lawrence.....	Eng.	Fresh.	Roxbury, Mass.
Anthony, Wayne Denver.....	Eng.	Soph.	Logan
Antorietto, Mary	A. B.	Sen.	Athens
Arick, Ralph Lee	A. B.	Spec.	McArthur
Armstrong, Clarence Edward.....	A. B.	Soph.	Ashland
Armstrong, John William Thomas..	A. B.	Soph.	Gallipolis
Arnold, Gladys	Com'l	Soph.	Wellington
Ashworth, Mamie Elizabeth	Com'l	Spec.	Pomeroy
Atkinson, Merrill Rey	A. B.	Soph.	Athens
Baker, Edward Duerr	A. B.	Soph.	Zanesville
Baker, Kenton P.	Com'l	Spec.	Ft. Wayne, Ind.
Ball, Frances Winifred	A. B.	Sen.	Wellston
Ball, William	Com'l	Fresh.	Corbin, Ky.
Barber, Orris Baker	A. B.	Soph.	Conneaut
Barker, Grace Elizabeth	A. B.	Sen.	Ironton
Barnes, Mary	Music	Spec.	Whigville
Barnes, Robert William	A. B.	Fresh.	Paulding
Barnette, Herbert Newton	A. B.	Sen.	Parkersburg, W. Va.
Barr, Warren Thorpe	A. B.	Soph.	Columbiana
Barr, William John	A. B.	Fresh.	Columbiana
Barrier, Edgar Wilbert	A. B.	Fresh.	Donora, Pa.
Barron, Lillian M.	A. B.	Spec.	Nelsonville
Barros, Filho Amador Pinheiro.....	Eng.	Soph.	Rio de Janeiro, Brazil
Barrows, Dwight Paul	A. B.	Sen.	Stewart
Barstow, Harry Raymond	Com'l	Spec.	Athens
Bartlett, Ruhl Jacob	A. B.	Sen.	Jackson Center
Basom, Joseph Newland	Com'l	Soph.	Athens
Basom, Ralph Frame	Com'l	Fresh.	Coolville
Bastos, Vespasiano Alves.....	Com'l	Spec.	Rio de Janeiro, Brazil
Bateman, Judson Fremont.....	A. B.	Soph.	Piketon
Bates, William McKinley	A. B.	Soph.	Somerton
Battin, Janice Mildred	Music	Spec.	Athens

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Baughman, Louise	Music	Jun.	Coshocton
Beall, Florence Gray	A. B.	Spec.	London
Bean, Mary Vernace	A. B.	Fresh.	Newcomertown
Beasley, Otha Clarice	A. B.	Fresh.	Athens
Beckley, W. Earl	A. B.	Soph.	Athens
Beekman, Ethel May.....	Com'l	Spec.	Athens
Belcher, Paul Eugene	A. B.	Soph.	Gallipolis
Bell, Eric Franklin	A. B.	Soph.	Athens
Bennett, Alice Lucille	A. B.	Sen.	Athens
Benson, Leslie A. A.....	A. B.	Soph.	Elmira, N. Y.
Bentley, Harold Jackson	A. B.	Soph.	Athens
Birney, Foster Thomas	Com'l	Fresh.	Freeport
Blackstone, Harry Holmes	A. B.	Jun.	Cumberland
Blackwood, Lucile Grace	Com'l	Spec.	Athens
Blake, Grace Atkinson	A. B.	Soph.	Athens
Blazier, Hazel Helen	Com'l	Fresh.	Athens
Bobo, William Mac	Com'l	Fresh.	Athens
Bo'on, Gordon Kildow	Com'l	Jun.	Bethesda
Bond, Theodore Craig	A. B.	Fresh.	Athens
Boyer, Eleanore	A. B.	Fresh.	Sidney
Bradbury, Bernard Snowden.....	A. B.	Sen.	Murray
Bradbury, Cecil Powelll	Com'l	Spec.	Middleport
Brandeberry, Mildred Emaline.....	Music	Spec.	Coolville
Brickles, Cecil Raymond.....	A. B.	Sen.	Nelsonville
Brimner, Arlie	Eng.	Fresh.	Logan
Brooks, Gladys Ellen	Com'l	Fresh.	Athens
Brooks, Nellie Marie	Com'l	Spec.	Athens
Brown, Chester Rathburn.....	A. B.	Fresh.	Jackson
Brown, Monroe Forest	A. B.	Jun.	Uhrichsville
Browning, Dallas Lynn	A. B.	Soph.	Rutland
Brubaker, Beulah Blanche.....	A. B.	Sen.	Urbana
Brumley, Oscar Henry	A. B.	Spec.	Winchester
Brundage, Zoe Marie.....	Com'l	Spec.	Tiffin
Bryan, Gyneth Fancheon.....	A. B.	Fresh.	Murray
Bryan, Natalie Simpson.....	A. B.	Soph.	Charleston, W. Va.
Bryson, Bernarda Kracraft.....	A. B.	Spec.	Millfield
Bryson, Phyllis Britt	A. B.	Fresh.	Millfield
Bum Garner, Thelma Alveda.....	A. B.	Fresh.	Cheshire
Burkett, Ammon George.....	A. B.	Fresh.	Thornville
Burley, Emmett E.	Com'l	Spec.	Zanesville
Burnett, Carlton Elvaine	Com'l	Fresh.	Bruce
Burnside, Marion Elizabeth.....	A. B.	Fresh.	Point Pleasant, W. Va.
Burson, Harry Otho	Com'l	Spec.	Shade
Byers, Charles	A. B.	Fresh.	Mt. Vernon
Cady, Ferry Alvin	A. B.	Fresh.	Athens
Caldwell, Luta M.	A. B.	Jun.	Guysville
Calhoon, Clair	A. B.	Soph.	Zanesville
Cameron, Marguerite Lucille.....	A. B.	Fresh.	Uhrichsville
Cameron, Walter James.....	A. B.	Jun.	Uhrichsville

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Carpenter, Franklin Howe	A. B.	Spec.	Sawpit, Colo.
Carpenter, Lola Mae	Com'l	Fresh.	Athens
Carr, George Eldon	A. B.	Sen.	Stockport
Carr, Mabel Marie	Com'l	Fresh.	Athens
Castle, Joy Vincent	Com'l	Fresh.	Belleville
Cavanaugh, George James	Music	Spec.	Zaleski
Cecil, Lois Irene	Music	Spec.	Amesville
Chase, Lowell Henry	A. B.	Jun.	Albany
Chase, Vaughn Howard	Com'l	Fresh.	Albany
Cherrington, Jessie Marie	A. B.	Sen.	Pomeroy
Cherrington, Rowena Lois	A. B.	Fresh.	Pomeroy
Chew, Helen Katherine	A. B.	Jun.	Findlay
Christ, Eleonore Louise	A. B.	Sen.	Buffalo, N. Y.
Chubb, Edwin Downer	A. B.	Jun.	Athens
Church, Blanche Parfitt	Music	Spec.	Athens
Clark, Beulah Merle	A. B.	Jun.	Athens
Clements, John Wesley	A. B.	Fresh.	Atlanta
Clements, Warren French	A. B.	Soph.	Atlanta
Clifford, Clarence Edward	A. B.	Fresh.	Athens
Coe, Harold Ardel	A. B.	Fresh.	Athens
Colley, Lillian Isabel	A. B.	Sen.	Athens
Collins, Aloysius Joseph	Eng.	Soph.	Athens
Colville, Marie	A. B.	Soph.	St. Louisville
Colville, Ruth	A. B.	Soph.	St. Louisville
Connell, Henry Brice	A. B.	Sen.	Mt. Sterling
Conner, Dwight O.	A. B.	Spec.	Hiramburg
Cooksey, Frances Jane	A. B.	Soph.	Athens
Cooper, Luther McCarty	A. B.	Spec.	Radcliff
Cooper, Russell Blaine	A. B.	Jun.	McConnelsville
Copeland, Dean Burns	Com'l	Sen.	Athens
Copeland, Helen W.	Com'l	Spec.	Athens
Copeland, Mary Haynes	A. B.	Soph.	Peebles
Cotterman, Homer Ray	A. B.	Soph.	Glenford
Courtney, Gilbert Birge	A. B.	Fresh.	Athens
Cowen, Kepler Mark	A. B.	Soph.	Athens
Cox, Herbert William	Com'l	Spec.	Athens
Crain, Lydia Rose	A. B.	Soph.	Jewett
Crossen, Mary Ellen	Com'l	Spec.	Athens
Crow, Mary Virginia	A. B.	Soph.	Pomeroy
Cruise, Walter Lewis	A. B.	Jun.	Logan
Crumley, Martha Mildred	A. B.	Soph.	Athens
Culver, Clair Hayes	A. B.	Fresh.	Bemus Point, N. Y.
Cuzzens, Earle Alexander	Com'l	Fresh.	Charleston, W. Va.
Dabritz, Edward Norman	A. B.	Fresh.	Carbondale
Dabritz, Leslie Oswald	A. B.	Spec.	New Marshfield
Daggett, Richard Van	Music	Spec.	Athens
Dailey, Christine	Music	Spec.	Athens
Dailey, George Cary	A. B.	Fresh.	Hillsboro
Dailey, Mary Helen	A. B.	Fresh.	Athens

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Dalton, Goldie Nora	A. B.	Jun.	Belpre
Dandridge, Hobart	A. B.	Fresh.	Athens
Danford, Audrey	A. B.	Fresh.	Athens
Danford, Byron	A. B.	Jun.	Athens
Daniels, Lizzie	Music	Spec.	Athens
Dauterman, Georgia Lucille.....	A. B.	Sen.	Bowling Green
Davidson, Dean	Com'l	Fresh.	Wellsville
Davidson, Ralph Edwin	Eng.	Spec.	Athens
Davis, Agnes Eiliene	Music	Spec.	The Plains
Davis, Daniel	A. B.	Jun.	Athens
Davis, George A.	Com'l	Fresh.	Uhrichsville
Davis, Raymond Chandler	A. B.	Jun.	Athens
Davis, Ruth Myers	Music	Jun.	Athens
Deaver, Merton James	Com'l	Spec.	Tropic
Decker, Emmett Elroy	Com'l	Soph.	Ashville
DeMolet, Dorothy Monica	A. B.	Fresh.	Athens
DeMuth, Kathryn Harriet	A. B.	Soph.	Cardington
Devlin, Irene Lucile	A. B.	Jun.	Athens
Dole, Harold Eugene	Eng.	Soph.	Orwell
Donaldson, Calvin Lloyd	A. B.	Fresh.	Logan
Doney, DeWitt	A. B.	Fresh.	Columbus
Dougherty, Harry P.	Com'l	Fresh.	Chillicothe
Downing, Rodney	Com'l	Soph.	Middleport
Dressler, William Stanley	Com'l	Fresh.	Sciotoville
Dulaney, Elma Virginia	A. B.	Sen.	Glouster
Duncan, Rachel Sibyl	A. B.	Fresh.	Greenfield
Dupler, Homer Wilson	A. B.	Fresh.	Newark
Earich, Simeon Raymond	A. B.	Fresh.	Athens
Edenfield, Alfred Cornell	A. B.	Jun.	Winchester
Edgar, Chester Elton	Eng.	Fresh.	Athens
Edwards, Arthur James L.	Eng.	Soph.	Athens
Emde, John M.	A. B.	Sen.	Sugar Grove
Emish, Wilbur Earl	A. B.	Soph.	Mineral
English, Kinsey Ourant	A. B.	Fresh.	Freeport
Erskine, Mary Griffin	A. B.	Jun.	Kingston
Estes, Myrna Ruth	Com'l	Fresh.	Wellston
Evans, Arthur	A. B.	Fresh.	Buchtel
Ewing, Laura Mildred	A. B.	Jun.	Ewington
Ewing, Robert Thornton	A. B.	Jun.	Logan
Eylar, Helen Douglas	Com'l	Spec.	Waverly
Fairfax, Lawrence Elliot	Com'l	Fresh.	Cleveland
Falloon, Fern	A. B.	Fresh.	Falls City, Nebr.
Falloon, Kate	A. B.	Soph.	Falls City, Nebr.
Farley, Rosemary	Com'l	Fresh.	Athens
Ferguson, Enoch Lee	A. B.	Jun.	Moro, Ark.
Ferrell, Margaret	A. B.	Fresh.	Paulding
Ferrell, Mary	A. B.	Fresh.	Paulding
Fiber, Guy	A. B.	Jun.	Wellsville
Finney, Gerald Everett	Com'l	Spec.	Jackson

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Finney, Herbert Waller	Com'l	Fresh.	Jackson
Finney, Lillian	A. B.	Fresh.	Millersburg
Fischer, Rosalie Anna	A. B.	Spec.	New Bedford
Fishel, Gail Bernadine	A. B.	Soph.	Pleasant City
Fisher, Irl Lewis	Eng.	Fresh.	Columbiana
Fisk, Paul Rodney	A. B.	Jun.	Athens
Flinn, Lenore	A. B.	Fresh.	Sidney
Ford, Eva Lucille	A. B.	Sen.	West Union, W. Va.
Ford, Margaret	Com'l	Spec.	Athens
Foster, Frances Bayard	A. B.	Fresh.	Athens
Fowler, Mildred	Music	Spec.	Middleport
Frank, John Walter	A. B.	Fresh.	Chester
French, David Dye	Com'l	Fresh.	Harrisonville
Freshly, Frederick Maynard	A. B.	Soph.	Mentor
Fuller, Francis Edgar	A. B.	Soph.	Columbus
Gahm, Heber Paul	A. B.	Sen.	Jackson
Galbreath, John Wilmer	A. B.	Jun.	Columbus
Gardner, Cora Elin	Music	Spec.	Athens
Gardner, Gladys Lucinda	Music	Spec.	Athens
Garrett, Theodore Lawrence	Eng.	Soph.	Athens
Gaston, Harry Max	Eng.	Spec.	Seaman
Gatchel, Clyde Lee	A. B.	Soph.	Glouster
Geiger, Hazel Rowena	A. B.	Soph.	East Liverpool
Geis, Carl Stansbury	Com'l	Soph.	Zanesville
George, Margaret Edna	A. B.	Fresh.	Wellston
George, Wilbur Nelson	A. B.	Fresh.	Gallipolis
Gills, Willard Morgan	A. B.	Sen.	Patriot
Glazier, Clifford Russell	A. B.	Fresh.	Amesville
Goddard, Dewey Merle	A. B.	Soph.	Amesville
Gooch, Charles D.	Com'l	Fresh.	Sheridan
Gossard, John Jay	A. B.	Fresh.	South Solon
Gosser, Samuel Wesley	Com'l	Fresh.	Coshocton
Graca, Nelson Calheiros da	Eng.	Soph.	Rio de Janeiro, Brazil
Graham, Dorothy Virginia	Com'l	Spec.	Alliance
Grenler, Alfred Melville	Eng.	Fresh.	Harrisonville
Gross, Regina Paula	Com'l	Fresh.	Athens
Grove, Elizabeth Frances	Com'l	Spec.	Adena
Grove, Kathryn Anna	A. B.	Fresh.	Cadiz
Grow, Clarence L.	Eng.	Fresh.	Bradford
Gullette, Cameron Charles	A. B.	Sen.	Athens
Haffey, Lura Mattee	Com'l	Fresh.	Canal Winchester
Haigler, Candace Marie	A. B.	Soph.	Washington C. H.
Hall, Florence Gertrude	A. B.	Jun.	Lebanon
Hammond, Howard Leslie	Com'l	Jun.	Uhrichsville
Handley, Walter Paul	A. B.	Spec.	Wellston
Haney, George Walker	Com'l	Fresh.	Athens
Hanson, Arthur Shalin	A. B.	Spec.	Akron
Harden, William Bryan	Com'l	Fresh.	Springfield
Harmon, Emilie Marie	A. B.	Soph.	Parson, W. Va.

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Harner, Israel Fairchild	A. B.	Spec.	Athens
Harris, Herbert Wilbur	A. B.	Soph.	Malta
Hart, Charles Cornelius	A. B.	Spec.	Athens
Hartford, Helen Louise	A. B.	Fresh.	St. Marks, Pa.
Hartman, Charlotte Marion	A. B.	Fresh.	Cleveland
Harwick, Melba Cecelia	Com'l	Fresh.	Athens
Hatch, Alva G.	A. B.	Soph.	Alexandria
Hatch, Frances Eudora	A. B.	Soph.	Athens
Hatch, Garnet Faura	Com'l	Fresh.	Athens
Hauger, William Floyd	A. B.	Jun.	Buckeye City
Hawk, Harold Donald	Eng.	Spec.	Glouster
Hawkins, James Ralph	Com'l	Fresh.	Athens
Haws, James Alfred	Eng.	Jun.	Ceredo, W. Va.
Haws, Robert Washington	A. B.	Fresh.	Ceredo, W. Va.
Hayes, Florence Freda	Com'l	Spec.	Athens
Hayman, Leila Cathryn	A. B.	Fresh.	Murray
Headley, Alva Allan	Eng.	Spec.	Chauncey
Helrich, Alden E.	Com'l	Soph.	Athens
Helsel, Emma Matilda	Com'l	Soph.	St. Marys
Henderson, Mary Elizabeth.....	Com'l	Fresh.	Columbus
Henderson, Philip	A. B.	Fresh.	Logan
Henderson, Thomas Herbert.....	A. B.	Spec.	Scio
Henry, Donald Johnson	A. B.	Fresh.	Athens
Henry, Harold Lindley	A. B.	Spec.	Athens
Henry, Ruth Marie	A. B.	Soph.	Athens
Henry, Wilbur Carlos	A. B.	Fresh.	Amesville
Herbert, Elizabeth Jane	A. B.	Spec.	Cleveland
Herlan, Harold H.	A. B.	Fresh.	Summerfield
Herron, Esther Lucile	A. B.	Soph.	Athens
Hibbard, John Grow	A. B.	Spec.	Athens
Hibbard, William Donald	Eng.	Spec.	Athens
Hickman, George Abraham.....	A. B.	Fresh.	Lucasville
Hickman, Perla Grace	Music	Jun.	Athens
Higgins, Bertha Helen	Music	Fresh.	Lancaster
Higley, Gladys Mary	A. B.	Fresh.	Rutland
Hill, John Dwight	Music	Special	Millfield
Hines, Pansie Leona	A. B.	Fresh.	Glouster
Hixson, Robert Wells	A. B.	Soph.	Athens
Hobson, Edith Ruth	Com'l	Fresh.	Bartlett
Hodan, Frank Joseph	A. B.	Sen.	Pittsburg, Pa.
Hoffman, Alfred Maynard	Com'l	Special	Philadelphia, Pa.
Hoisington, Ellis Bishop	Com'l	Soph.	Columbus
Holter, Hallie Lemuel	A. B.	Fresh.	Minersville
Hope, Geraldine Coe	Com'l	Fresh.	Athens
Hopkins, Rachel Virginia	A. B.	Spec.	Athens
Horn, John Richard	Eng.	Soph.	Bellefontaine
Horn, Lillian Ida	A. B.	Soph.	Athens
Horn, Robert Henry	Music	Spec.	Athens
Howell, Edna Vesta	A. B.	Fresh.	Pomeroy

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Howell, Ralph Moore	A. B.	Soph.	Carpenter
Hudson, Helen	A. B.	Sen.	Plain City
Hugg, Irene C.	Music	Spec.	Athens
Hull, Herold Lewis	A. B.	Fresh.	Athens
Hull, Howard Clinton	A. B.	Special	Harrisonville
Humphrey, Edith Emily	Music	Special	Hockingport
Humphrey, Herman William.....	Eng.	Fresh.	The Plains
Humphrey, Madison James	A. B.	Jun.	Geneva
Hutchinson, Calvin Clyde	Eng.	Spec.	Logan
Janes, Charles Marion	Com'l	Soph.	Columbus
Jefferson, Harry Rupert	A. B.	Sen.	Parkersburg, W. Va.
Jenkins, Anne Griffith	Com'l	Soph.	Shawnee
Jewell, Electa	Music	Spec.	Rutland
Jewett, Marie L. E.	A. B.	Soph.	Athens
Jewett, Roy Lorin	Com'l	Special	Portsmouth
Johnson, Clyde Edgar	A. B.	Fresh.	Mayberry, W. Va.
Johnson, Fred Howe	A. B.	Fresh.	Nelsonville
Johnson, John Henry	Com'l	Fresh.	Athens
Johnson, Myra Grace	A. B.	Soph.	Charleston, W. Va.
Johnson, Oretta Viola	A. B.	Sen.	Eureka
Jones, Glenn S.	Eng.	Spec.	Athens
Jones, William Dale	A. B.	Sen.	Athens
Jordon, Clyde Donovan	Com'l	Fresh.	Athens
Kaiser, Harry Martin	A. B.	Soph.	Uhrichsville
Kalt, William Damon	A. B.	Fresh.	Jacksonville
Kamphausen, Hulda Betty.....	A. B.	Jun.	Cleveland
Keenan, Jeanette Lucille	A. B.	Fresh.....	Weston, W. Va.
Keller, Lawrence Davis	Com'l	Soph.	Columbus
Kelsey, Lawrence Wilbur.....	Com'l	Special	Bremen
Kennedy, Anna Laura	A. B.	Sen.	Athens
Kent, Lewis Marden	A. B.	Fresh.	Sciotoville
Kern, Albert Fred	A. B.	Spec.	Athens
Kerns, Gail Bernice	Pub. Speak.	Fresh.	Lancaster
Kimpel, Roy Stauffer	A. B.	Spec.	Clarington
Kincaid, William Amos	Com'l	Fresh.	Crooksville
Kircher, John Edward	Eng.	Spec.	Athens
Klingenberg, Ruth	Com'l	Spec.	Athens
Klinger, Kenneth	A. B.	Soph.	Greenville
Knox, Howard	A. B.	Fresh.	Athens
Koehler, Carle W. F.	Eng.	Fresh.	Sandusky
Krieger, Earl C.	A. B.	Jun.	Columbus
Kurtz, Esther Kathleen	Com'l	Soph.	Lorain
Ladd, John Vinton	A. B.	Soph.	Frost
Ladd, Samuel Watson	A. B.	Fresh.	Frost
Lambert, Marion Seeley	Com'l	Soph.	Ironton
Latto, Thomas Wesley	A. B.	Soph.	Uhrichsville
Lawrence, Grace	A. B.	Jun.	Athens
LeFever, Harry Everett	A. B.	Soph.	Glouster
Leeper, William Wurster	A. B.	Soph.	Stewart

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Leonard, Chauncey Edward	Com'l	Fresh.	Bremen
Leonard, Frances Crawford	A. B.	Soph.	Dayton
Liggett, Thomas Henry	Com'l	Soph.	Athens
Link, Wheatley Henry	Com'l	Fresh.	Athens
Linton, Claire DeWitt	A. B.	Soph.	Frost
Linton, Gladys	A. B.	Jun.	Frost
Lockhart, Elmer Leo	A. B.	Fresh.	Athens
Longstaff, Howard Porter	A. B.	Fresh.	Middleport
Loomis, John Duane	Eng.	Fresh.	Conneaut
Love, Claude Franklin	A. B.	Soph.	Chauncey
Love, Deven E.	Com'l	Spec.	Thornville
Lowther, Robert Paul	A. B.	Jun.	Guysville
Lummis, Mary Elizabeth	Music	Spec.	Athens
Lyle, Lena Love	A. B.	Fresh.	St. Clairsville
McCann, Catherine	A. B.	Soph.	Beverly
McCann, Helen Carolyn	Com'l	Fresh.	Marysville
McCann, Isabelle	A. B.	Soph.	Beverly
McCartney, Maxine Elizabeth.....	Com'l	Fresh.	Chillicothe
McCaslin, Edward Leroy	A. B.	Spec.	Elmira, N. Y.
McCauley, Fred	Com'l	Fresh.	Uhrichsville
McClave, William Lloyd	Eng.	Fresh.	Columbiana
McCleery, Leland Stanford	A. B.	Fresh.	Lancaster
McDaniel, Wyatt Dewitt.....	Com'l	Fresh.	Amesville
McGrath, Grace Elizabeth	A. B.	Jun.	Athens
McHarg, Doris James	Com'l	Spec.	Athens
McHarg, Russell Bebout	Com'l	Fresh.	Athens
McKay, Lucy	Music	Spec.	Athens
McKibben, Clarice Merle	Music	Special	Carbondale
McKibben, Clovis Little	A. B.	Jun.	Carbondale
McKinley, Florence Carlan	Com'l	Soph.	Kinsman
McKinnie, Gladys Irene	A. B.	Fresh.	Delaware
McKinstry, Richard Worley.....	Com'l	Spec.	Athens
McLaughlin, Allen Webster	Com'l	Spec.	Zanesville
McVay, Martin Scott	A. B.	Jun.	Sidney
McVeigh, William Park	Eng.	Fresh.	Bremen
Malone, Agnes Elizabeth.....	Com'l	Spec.	Coolville
Malone, Raymond Maurice.....	A. B.	Sen.	Coolville
Marshman, Homer Henry.....	A. B.	Sen.	Columbus
Martin, Granville Harold.....	A. B.	Jun.	Pomeroy
Martin, Wilbur Francis.....	Com'l	Spec.	Nelsonville
Martzolff, Candus Mace	A. B.	Sen.	Athens
Mason, Mercedea Elizabeth.....	Com'l	Soph.	Circleville
Matney, William Clarence	A. B.	Sen.	Kimball, W. Va.
Mauger, Virgil Evans	A. B.	Jun.	Basil
Mayle, Preston Howard	A. B.	Fresh.	Belpre
Meighen, Freda Madge	Com'l	Spec.	Athens
Mendes, Mathesu DeSauza.....	Eng.	Spec.	Rio de Janeiro, Brazil
Merwin, Addie Tullis	Music	Spec.	Athens
Merwin, Margaret Blanche.....	A. B.	Fresh.	Athens

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Miller, Althea Virginia	A. B.	Special	Pomeroy
Miller, Dewey August	Music	Spec.	Pittsburg, Pa.
Millikan, Don Beck	A. B.	Fresh.	Athens
Milliron, Arthur S.	Eng.	Fresh.	Athens
Mills, Beulah Beatrice	Com'l	Fresh.	Athens
Minister, Edward	Eng.	Fresh.	Chauncey
Minns, Elbert Wickham	Eng.	Fresh.	New London
Minns, Rupert Garfield	Eng.	Fresh.	New London
Minshall, Frances	Pub. Speak.	Soph.	Kingston
Mitchell, Ezra Dewey	A. B.	Jun.	Manchester
Mitchell, Manley Rollis	Eng.	Fresh.	Manchester
Mohat, Haldor Ray	Com'l	Fresh.	Jackson
Moore, Della Edythe	A. B.	Soph.	Washington C. H.
Moore, Katherine Wottring	Com'l	Fresh.	Chillicothe
Morgan, Theron Harvard	A. B.	Special	Jackson
Morgan, Thomas Everett	A. B.	Sen.	Jackson
Morgan, Thomas Wendell	A. B.	Jun.	Athens
Morris, Chester Hobart	Eng.	Fresh.	Pomeroy
Morris, Harry Lee	A. B.	Sen.	Mt. Sterling
Morrison, Joseph Adams	A. B.	Soph.	Athens
Morrison, Otho Watts	Com'l	Special	Bidwell
Mortland, Paul Custer	Eng.	Fresh.	Scio
Mulligan, Bessie Ann	Com'l	Spec.	Athens
Mulligan, Flossie Anna	Com'l	Spec.	Athens
Mulvey, Elizabeth	A. B.	Sen.	Zanesville
Mumma, Kathryn Janette	A. B.	Fresh.	Fostoria
Murphy, Byron Lewis	Com'l	Fresh.	Sugar Grove
Myers, Joseph Deane	Eng.	Fresh.	Baltimore
Naragon, Earl Keller	Eng.	Fresh.	West Lafayette
Nazor, Doris Zorwil	A. B.	Soph.	Ironton
Neeley, Arthur Watling	A. B.	Soph.	Pau'ling
Nelson, Belford Beetham	Eng.	Soph.	Athens
Newman, Mildred Evelyn	Com'l	Fresh.	Athens
Newsome, James Earl	A. B.	Sen.	Rendville
Nice, Irma Marie	Music	Spec.	Cutler
Nickum, Helen Elizabeth	A. B.	Soph.	Rushville
Norcross, Mildred F.	A. B.	Fresh.	Sidney
Norcross, Oneta Ione	A. B.	Soph.	Sidney
Nye, Doris Fuller	A. B.	Fresh.	Athens
Ohlinger, Helen Catherina	A. B.	Fresh.	Nelsonville
Olcott, William Fry	Com'l	Soph.	Cincinnati
Oldfield, Hamilton William	A. B.	Fresh.	Athens
Olson, Irene Kary	Music	Spec.	Athens
Ormes, Thaddeus Stevens	A. B.	Fresh.	Salem
Orr, Ruth Helene	A. B.	Sen.	Orrville
Orr, Walter Freeman	A. B.	Jun.	Jacksontown
Overly, Harold Russell	A. B.	Spec.	Chillicothe
Overmyer, John Conrad	A. B.	Soph.	Athens
Ovington, Ralph Reed	A. B.	Soph.	Salem

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Oxley, Cyril Griffin	A. B.	Soph.	Athens
Parker, Thomas Lux	A. B.	Sen.	Alexandria
Parrish, Henry Clyde	Com'l	Fresh.	Coolville
Patterson, Mary Lucille	A. B.	Soph.	Uhrichsville
Patterson, William Henry	A. B.	Fresh.	Piketon
Paul, Raymond Emerson	A. B.	Soph.	Botkins
Paynter, Allean	A. B.	Fresh.	Huntington, W. Va.
Paynter, Roy Hoyt	Com'l	Fresh.	Portland
Pensyle, Mary L.	A. B.	Spec.	Nelsonville
Peoples, Helen Foster	Music	Spec.	Athens
Pegrin, Max Valentine	A. B.	Fresh.	Akron
Petress, John Elbert	A. B.	Soph.	Kimball, W. Va.
Phillips, Alice Alderman	Music	Spec.	Athens
Phillips, Eleanor	Music	Spec.	Athens
Pickard, Percy Calvin	Com'l	Soph.	Athens
Pickering, Dorothy Cecelia.....	A. B.	Fresh.	St. Clairsville
Pickering, Joseph Linville.....	A. B.	Fresh.	Athens
Pinkston, Dewey Preston	A. B.	Spec.	Mullenville, Kansas
Plummer, Fred Leroy	A. B.	Sen.	West Union
Poffenbarger, Nathan S.	A. B.	Soph.	Charleston, W. Va.
Poole, William Earl	A. B.	Fresh.	Rock Camp
Popoff, George	Com'l	Spec.	Athens
Porter, Dorothy Mae	Com'l	Fresh.	Athens
Porter, Randolph	Com'l	Fresh.	Elkins, W. Va.
Powell, Joseph Dwight	A. B.	Fresh.	Middleport
Powell, Rachael Elizabeth	A. B.	Fresh.	Athens
Powell, Ralph Dewey	A. B.	Sen.	Nelsonville
Powell, Virginia	A. B.	Soph.	Harrisville, W. Va.
Preston, Cornelius Dix	Com'l	Soph.	Nelsonville
Price, Aaron Sumner	A. B.	Jun.	Athens
Price, Harold James	A. B.	Soph.	Rutland
Pugh, Lotta	A. B.	Jun.	Jacobsburg
Putnam, Dorothy	A. B.	Soph.	Athens
Quigley, Walter Browne	A. B.	Fresh.	Nelsonville
Raden, Harry Norman	A. B.	Fresh.	Nelsonville
Ralston, Thomas Everett	A. B.	Spec.	Winterset
Ramsey, Carl Ellis	Com'l	Spec.	Athens
Rannells, Mary Emilie.....	A. B.	Sen.	Wilmington
Ransdell, Frank Coleman	A. B.	Jun.	Athens
Ratcliff, Ernest Mahlon.....	A. B.	Jun.	Gillespieville
Rathburn, Charles Alonzo	Com'l	Fresh.	Gallipolis
Reagle, Merle Clarence	A. B.	Soph.	East Palestine
Reed, Dorothy DeVol	A. B.	Soph.	Uhrichsville
Rees, Lloyd	A. B.	Jun.	Delphos
Regan, William Leo	A. B.	Fresh.	Wilmington
Resener, Mary Margaret	A. B.	Jun.	Gallipolis
Reynolds, John Ervin	A. B.	Fresh.	Martins Ferry
Rhollans, Arthur Earl	Com'l	Fresh.	Athens
Richards, Marzuela, B. S. in E.....	Music	Spec.	Athens

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Richeson, Clara Viola	Music	Spec.	Athens
Richeson, Samuel Burkhardt.....	A. B.	Soph.	Sidney
Richey, Joa Adelaide	Com'l	Spec.	Athens
Ridenour, Chauncey Owen	A. B.	Jun.	New Lexington
Riecker, Carlos M.	A. B.	Soph.	Stockport
Rinehart, Victor Verne.....	A. B.	Sen.	Gnadenhutten
Rinner, Paul Leroy	Eng.	Soph.	Coshocton
Roach, Berneice Maude.....	Com'l	Jun.	Athens
Roach, Harry Westcott	Eng.	Fresh.	Athens
Roberts, Beatrice Mary	A. B.	Fresh.	Pomeroy
Robinson, Harry Kernan	A. B.	Jun.	Bellville
Romero, Emilio Genes	Eng.	Spec.	Rio de Janeiro, Brazil
Rose, Maud Marie	A. B.	Soph.	Athens
Roush, Grace Marie	Com'l	Fresh.	Athens
Roush, Helen Corneil	Com'l	Fresh.	Athens
Roush, Vianna	Music	Spec.	Athens
Rowles, Emmett	A. B.	Sen.	New Matamoras
Rowles, Everett	A. B.	Sen.	New Matamoras
Rubinstein, Alex	A. B.	Fresh.	New York City
Rumsey, Neal Obeth	Com'l	Fresh.	Morgantown, W. Va.
Rutherford, Kenneth James.....	Eng.	Fresh.	Bellville
Sackett, Inez Elizabeth	A. B.	Soph.	Bellefontaine
Sams, Darrell Hudson	A. B.	Jun.	Athens
Sands, Fred Henry	Com'l	Soph.	Stewart
Sands, Norman Parker	Eng.	Fresh.	Trimble
Sands, Willis Fuller	A. B.	Fresh.	Athens
Saylor, Gwendolyn Anita	Music	Fresh.	Corning
Schamps, George Hamilton	Com'l	Spec.	Richwood
Schleyer, Charles Ernest	A. B.	Soph.	Chillicothe
Schocke, Alma Lillian	Com'l	Fresh.	Chillicothe
Schwall, Helena	A. B.	Sen.	Woodsfield
Schwarz, Ivy Marjorie	Com'l	Soph.	Williamsport
Scott, Kathleen Marguerita.....	A. B.	Fresh.	Nelsonville
Seals, Warner Alton	Eng.	Fresh.	Huntington, W. Va.
Seidenfeld, Lucille	A. B.	Soph.	Murray City
Shafer, Etna Hilah	Com'l	Spec.	Athens
Shafer, Hazel	Music	Soph.	Nelsonville
Shapter, Walter James	Com'l	Soph.	Columbus
Shaver, Gilbert Jerome	A. B.	Fresh.	Cheshire
Shilt, Noble Crawford	Com'l	Jun.	Verona
Shively, Earl Cranston	A. B.	Soph.	McArthur
Shoemaker, Zua, B. S. in E.....	A. B.	Sen.	Piketon
Shore, Isabel Trudie	A. B.	Sen.	Parkersburg, W. Va.
Siders, Cecil Franklin	A. B.	Sen.	Seaman
Sidwell, Sina Roberta	A. B.	Fresh.	St. Clairsville
Siegel, Gertrude F.	Music	Spec.	Athens
Silbaugh, John Everly	A. B.	Fresh.	Lancaster
Silvus, Paul	A. B.	Jun.	Athens
Silvus, Rachael	A. B.	Soph.	Athens

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Simmons, Clara Kern	A. B.	Soph.	Uhrichsville
Simpson, Walker Edward	A. B.	Fresh.	Welch, W. Va.
Skinner, Homer Lucas	A. B.	Soph.	South Solon
Smeltzer, Lawrence Elon	A. B.	Sen.	Gallipolis
Smith, Freda Margaret	Com'l	Spec.	Athens
Smith, Helen Margaret	A. B.	Sen.	Mansfield
Smith, Teachner	A. B.	Fresh.	Sciotoville
Snyder, Edna Mae	Com'l	Fresh.	Chillicothe
Snyder, Julian Maxwell	A. B.	Soph.	Elmira, N. Y.
Sowash, Leola Mildred	A. B.	Soph.	Mansfield
Spaulding, John Fred	Eng.	Spec.	Athens
Spaulding, Leslie White	Eng.	Spec.	Athens
Spencer, Catherine Dean	A. B.	Jun.	Nelsonville
Spencer, Margaret Jane	A. B.	Fresh.	Nelsonville
Sprague, Gerald True	A. B.	Sen.	Athens
Sprague, Harriett Kathryn.....	Com'l	Soph.	Athens
Sprague, Marion Elizabeth	Music	Spec.	Athens
Spriggs, William Lloyd	Com'l	Fresh.	Institute, W. Va.
Sprouse, Lloyd W.	Com'l	Soph.	Hamersville
Stahler, Mabel Grace	A. B.	Fresh.	Newcomerstown
Staneart, Alice Velma	A. B.	Fresh.	Athens
Staneart, Charles Ernest	A. B.	Sen.	Athens
Staneart, Glenn Olin	A. B.	Fresh.	Athens
Starr, Everett Murch	A. B.	Jun.	Athens
Steed, James Green	A. B.	Sen.	Athens
Stevenson, Alice Elizabeth	Com'l	Fresh.	East Liverpool
Stewart, Paul Ethelston	Com'l	Fresh.	Guysville
Stewart, Walter Hillbold	A. B.	Soph.	Guysville
Stockdale, Carl Ford	A. B.	Jun.	Newark
Stranahan, Marjorie	Com'l	Spec.	Painesville
Strecker, Edna B.	Music	Spec.	Athens
Studer, Stella M.	Music	Spec.	Athens
Suter, Charles Amer	A. B.	Sen.	Piedmont, W. Va.
Sutton, Ethel Margaret	A. B.	Soph.	Pomeroy
Swaim, Donald Liston	Com'l	Spec.	Athens
Swaney, Hudson Bert	A. B.	Fresh.	South Solon
Swett, Chester Parker	A. B.	Fresh.	Albany
Swope, Madison A.	A. B.	Fresh.	Columbus
Taylor, Helen	A. B.	Soph.	Uhrichsville
Tenner, Mary Edith	A. B.	Fresh.	Peebles
Thayer, James Russell	A. B.	Soph.	Medina
Thomas, Bruce Edmund	Eng.	Soph.	Portsmouth
Thomas, Glen D.	A. B.	Fresh.	Chesterhill
Thomas, Grace Lillian	A. B.	Fresh.	Cheshire
Thomas, Harold Bernard	A. B.	Fresh.	Hillsboro
Thomas, Lester Mason	A. B.	Soph.	Barnesville
Thomas, Neil Duncan	Eng.	Soph.	Athens
Thompson, Carl Bernette.....	A. B.	Jun.	Malta
Timmons, Benjamin Finley	A. B.	Sen.	Athens

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Townsend, Enid Lucile	A. B.	Soph.	Athens
Trimmer, Letha Coral	Music	Special	Murray
Trone, James Orville	A. B.	Soph.	Portsmouth
Trone, William A.	A. B.	Sen.	Portsmouth
Turner, Marjorie Lydia	Pub. Speak.	Fresh.	Sciotoville
Tuttle, Gerald Ulmont	A. B.	Fresh.	Wilmington
Underwood, Will Reese	Eng.	Soph.	Bellefontaine
Vallery, Margaretha Victoria.....	A. B.	Soph.	Piketon
VanDyke, Lenora Frances.....	A. B.	Fresh.	Athens
Van Meter, Anna May	Music	Spec.	Athens
Van Sickle, Earle Charles	A. B.	Soph.	Cambridge
Vance, Gloe	Pub. Speak.	Spec.	Rutland
Vernon, Norma Wynne	A. B.	Sen.	Athens
Vickers, Bertha	Com'l	Spec.	Athens
Vorhes, Mildred Louise	A. B.	Soph.	Nelsonville
Vorhes, Ruth Ina	A. B.	Fresh.	Nelsonville
Wade, Arthur William	A. B.	Fresh.	Buckhannon, W. Va.
Wade, James Frederick	A. B.	Fresh.	Buckhannon, W. Va.
Wagner, Mabel Daisy	Pub. Speak.	Spec.	Athens
Wagoner, Naomi Eileen	A. B.	Fresh.	Sidney
Walden, Marion Alvira	A. B.	Soph.	Athens
Walsh, Frances Mary	Music	Spec.	Athens
Walsh, William	A. B.	Fresh.	Athens
Warfield, Charles William	A. B.	Fresh.	Buckhannon, W. Va.
Wassem, Marie Sarah	A. B.	Fresh.	Dover
Watkins, Irene Phyllis	Com'l	Soph.	Chauncey
Watkins, Virgil Elizabeth	A. B.	Soph.	Bluefield, W. Va.
Webb, Della Mae	A. B.	Jun.	Murray
Webb, Grace Elizabeth	A. B.	Soph.	Athens
Weinrich, Phyllis Phryne.....	A. B.	Fresh.	Vigo
Wells, Harold Kerton	A. B.	Fresh.	Athens
Welsh, Rowland J.	Com'l	Spec.	Geneva
Welty, Porter John	Com'l	Fresh.	Bremen
West, Arthur Dennis	Com'l	Fresh.	Cumberland
West, Ella Mae	Music	Spec.	Athens
Wetherholt, Frank Elias	A. B.	Fresh.	Gallipolis
Wetherholt, John Paul	A. B.	Sen.	Gallipolis
Wheatley, Lester Arthur	A. B.	Soph.	Barnesville
Whitacre, Asia H.	A. B.	Soph.	Graysville
White, Ralph Holmes	A. B.	Jun.	Cumberland
Whittico, Cleopatra Altha.....	A. B.	Fresh.	Keystone, W. Va.
Wilkerson, William Velpoe	A. B.	Soph.	Chelyan, W. Va.
Wilkes, Inez Grace	Music	Spec.	Chadbourne, N. C.
Wilkins, Ralph Whorton	A. B.	Fresh.	Frankfort
Williams, Clark Emerson	A. B.	Jun.	Athens
Williams, Dwight Emile	A. B.	Fresh.	Athens
Williams, Edward Lane.....	A. B.	Spec.	Youngstown
Williams, Josephine Curtis.....	A. B.	Fresh.	Niles
Wilson, Aaron A.	A. B.	Jun.	Chauncey

<i>Name</i>	<i>Course</i>	<i>Rank</i>	<i>Address</i>
Wilson, Carl Brown	Com'l	Fresh.	Athens
Wilson, Marguerite Hazel	A. B.	Fresh.	Washington C. H.
Wilson, William Winfield	A. B.	Fresh.	Sidney
Winter, Beatrice Darling	A. B.	Fresh.	Providence, R. I.
Winter, Winnifred Dale	A. B.	Fresh.	Providence, R. I.
Witt, Charles Edward	A. B.	Spec.	Athens
Witt, Stella May	A. B.	Spec.	Athens
Witten, Virginia	A. B.	Spec.	Sistersville, W. Va.
Wolfe, Blanche Winifred	A. B.	Fresh.	Pleasantville
Wolfe, Chester Waverley	Eng.	Fresh.	Columbus
Wolfe, Floyd Milton	Com'l	Fresh.	Athens
Wooddell, William Clarence	A. B.	Soph.	Piketon
Woodhouse, George Albert	A. B.	Jun.	Jacksonville
Woodworth, Charles Lloyd	Com'l	Fresh.	Athens
Woodworth, Gladwyn Anson	A. B.	Jun.	Cortland
Worden, Harold Duard	A. B.	Fresh.	Parkersburg, W. Va.
Wuebben, Josephine Idiene.....	A. B.	Jun.	Logan
Wyatt, Madge	Music	Spec.	Athens
Wyckoff, Gladys	A. B.	Fresh.	Athens
Wyker, Clyde Ely	A. B.	Soph.	Mt. Vernon
Wyman, John Richard	Com'l	Soph.	Conneaut
Yarrington, Faye Harriet.....	A. B.	Fresh.	Wellston
Young, Margery Hathleen	A. B.	Jun.	Mansfield
Young, Max Merrill	A. B.	Spec.	Mt. Sterling
Zenner, Pauline Shepherd	Music	Spec.	Athens

STATE NORMAL COLLEGE

<i>Name</i>	<i>Rank</i>	<i>Address</i>
Abele, Vivian Ione	Fresh.	Lancaster
Adair, Emma Charlotte	Special	Pleasant City
Adams, Hazel Hemenway	Fresh.	East Liverpool
Alexander, Elma Marie	Fresh.	Piqua
Allen, Ina Trovillo	Soph.	Richmond
Amrine, Alice Catherine	Fresh.	London
Anthony, Elma Gayle	Fresh.	Wellston
Archer, Marjorie Lorena	Fresh.	Parkersburg, W. Va.
Arick, Louise Mae	Special	McArthur
Arnold, Gladys	Fresh.	Wellsville
Auer, Joseph Elbert	Sen.	Oak Harbor
Bachtel, Bessie Vivian	Special	Oak Hill
Backus, Inez Mamie	Fresh.	Nelsonville
Baer, Helena Margaret	Special	Toledo
Bahr, Louise Mary	Special	Long Bottom
Bailey, Esther Gertrude	Special	Clarksessville
Bailey, Laura Belle	Sen.	Athens
Baker, Dorothy Elizabeth	Fresh.	Athens
Ball, Nellie Lynn	Sen.	Wellston
Ballinger, Oramay	Soph.	Lancaster
Barnes, Mabel Clare	Fresh.	McConnelsville
Barnhill, Pearl	Fresh.	Guysville
Barr, Genevieve Elizabeth	Fresh.	Mt. Vernon
Barret, Idonia May	Special	Long Bottom
Barrow, Edith Mae	Soph.	Carroll
Barry, Beatrice Irene	Fresh.	Steubenville
Bartholomew, Marion Lavenia	Soph.	Union City, Ind.
Basom, Florence Allard	Sen.	Athens
Battrick, Mabel Celestia	Sen.	Williamsfield
Bean, Mildred Lucille	Soph.	Marion
Bebout, Edith Lucile	Special	Centerburg
Beckett, Bertha Florence	Special	Athens
Bee, Ruby	Fresh.	Parkersburg, W. Va.
Beeks, Violette Luella	Fresh.	Newcomerstown
Bell, Bruzella Catharine	Soph.	Crooksville
Berkshire, Esther Mabel	Jun.	Nashport
Beveridge, Garnet Frances	Fresh.	Athens
Biddle, Lucile Elizabeth	Fresh.	Pemberville
Birney, Virginia	Soph.	Freeport
Bitler, Lauren Obed	Jun.	Amanda
Black, Dorothy May	Sen.	Osborn
Black, Leola Elizabeth	Soph.	Zanesville
Black, Treva	Soph.	Athens
Blue, Margaret Ruth	Soph.	Kenton
Book, Catherine Cecilia	Fresh.	Rushville
Boone, Marjorie	Fresh.	Mt. Victory
Borden, Leile Gertrude	Fresh.	Van Wert

<i>Name</i>	<i>Rank</i>	<i>Address</i>
Borden, Ruby Lynn	Soph.	Macon
Border, Clara Viola	Soph.	Sidney
Borst, Fairy	Fresh.	Bainbridge
Borton, Hazen Hugh	Fresh.	Fayette
Bowlus, Goldie Kathryn	Soph.	Fremont
Boyd, Leroy	Fresh.	Canal Winchester
Boyd, Lucile Liland	Fresh.	Cumberland
Bricker, Ruth Eleanor	Soph.	Mt. Vernon
Brigode, Augusta Martha	Soph.	Charleston, W. Va.
Brown, Carrie Hastings	Fresh.	LaRue
Brown, Ellen Georgia	Soph.	Lancaster
Brown, Jeannette Blanche	Fresh.	Chillicothe
Brown, Lena Durnell	Special	Athens
Brown, Maize	Fresh.	Crooksville
Broyles, Eunice Evelyn	Sen.	Westville
Brunner, Mildred F.	Jun.	Uhrichsville
Buckley, Guy Edison	Special	Wilkesville
Burgess, Eunice Julia	Fresh.	Cutler
Burris, Ethel Marjorie	Soph.	Martins Ferry
Burt, Chloe Rosella	Special	Gillespieville
Burt, Ovid Owen	Special	Gillespieville
Butcher, Effa Anise Lenora	Soph.	Alice
Byron, Ruth Stewart	Fresh.	Stewart
Cameron, Jessie Pauline	Soph.	Wellston
Carlson, Thora Christina	Fresh.	Youngstown
Carpenter, Hettie Elizabeth	Fresh.	Bellaire
Carr, Florence Esther	Jun.	Athens
Casey, Capitolia Monnette	Soph.	Gallipolis
Cavitt, Mary Elizabeth	Soph.	Carrollton
Clark, Blanche Marie	Soph.	Delaware
Coates, Cora Marie	Fresh.	Athens
Coil, Marion Steen	Soph.	Marietta
Collins, Cecilia M.	Fresh.	Athens
Comstock, Erma Vesta	Fresh.	Athens
Conroy, William Thomas	Special	Long Bottom
Cook, Marion J.	Special	Upper Sandusky
Cooper, James Calvin	Special	West Union
Cory, Virginia Ruth	Fresh.	Frankfort
Coultas, Thora Lucile	Jun.	Quaker City
Covert, Dorothy Virginia	Fresh.	Nelsonville
Cox, Florence Evelyn	Fresh.	Murray
Cramer, Isabel Fannie	Special	Versailles
Creighton, Josephine Honor	Special	Stockport
Cross, Robert Lyons	Sen.	Birds Run
Crow, Esther	Fresh.	Cook
Culp, Mary Olive	Soph.	Wellsville
Curry, Leah Marie	Fresh.	Richwood
Dague, Katherine Elizabeth	Fresh.	Fredericktown
Dailey, Cora Ethel	Special	Guysville

<i>Name</i>	<i>Rank</i>	<i>Address</i>
Danford, Lalla Rookh	Soph.	Glouster
Daniels, Alma May	Fresh.	Athens
Dartt, Vada Muriel	Soph.	Pratts Fork
Daugherty, Clarice Laurine	Fresh.	Athens
Daugherty, Dwight Bernard	Special	Jackson
Davis, Edith Hazel	Special	Langsville
Dechert, Lillian Grace	Fresh.	Cortland
Detwiler, Flossie Marie	Fresh.	Basil
Dewar, Caroline	Soph.	Delaware
Dickinson, Ada Lois	Soph.	Zanesville
Dixon, Icyl Faye	Soph.	Harrisville
Donnally, Glen	Soph.	Gallipolis
Donnally, Leonard Allen	Special	Jobs
Dorn, Helen Berneice	Jun.	Sedalia
Dougan, Eva Marie	Jun.	Pennsville
Downing, Marie Romaine, A. B.	Sen.	Middleport
Druggan, Sarah Alma	Soph.	Athens
Dudley, Howard Edward	Special	Granville
Dunbar, Alice Dorothy	Special	Cutler
DuPre, Genevieve Reba	Fresh.	Portsmouth
Eachus, Ben	Sen.	Gallipolis
Eckis, Ruth Louise	Fresh.	Canton
Eder, Margaret Floe	Soph.	Johnstown
Elder, William Hamilton	Fresh.	Pleasantville
Elliott, Helen	Special	Greenfield
Ellis, Hollie Clifford	Sen.	New Vienna
Engle, Shirley Hazel	Soph.	New Holland
Essex, Grace Althea	Soph.	Cumberland
Evans, Russell Dwight	Jun.	South Solon
Eyman, Frances	Fresh.	Pleasantville
Fager, Cora Alice	Soph.	Canton
Faine, Uarda	Jun.	New Straitsville
Falls, Sarah Helen	Jun.	Bishopville
Farabee, Pauline Elise	Fresh.	Chillicothe
Fast, John Wilbur	Jun.	St. Marys
Feisley, Carrie Ora	Special	Clarington
Finnicum, Garnette Cecil	Soph.	Jewett
Fish, Flossie Mildred	Special	Long Bottom
Fisher, Emma Rosemary	Fresh.	Millersport
Fisk, Ruth Ida	Soph.	Athens
Fogg, Verna Maude	Soph.	Zanesville
Ford, Florence Worthington	Soph.	Pomeroy
Fouts, Anna Marie	Soph.	Germantown
Fox, Myrtle Julia	Soph.	Rodney
Frederick, Lulu Fae	Fresh.	Vinton
Friedley, Florence Barbara	Fresh.	Attica
Friedley, Mary Jane	Fresh.	Attica
Friend, Mildred	Fresh.	Pleasantville
Frye, Viola Louise	Fresh.	Huron

<i>Name</i>	<i>Rank</i>	<i>Address</i>
Funderburg, Inez	Fresh.	New Carlisle
Gaston, Grace Bernice	Special	Seaman
Gehring, Charles B.	Special	Chillicothe
Gill, Catherine	Special	Millersport
Gillogly, Mabel Rose	Soph.	Baltimore
Gilson, Ethel Christina	Soph.	Napoleon
Glandon, John Forsythe	Sen.	Athens
Glass, Tempie Fauntelle	Fresh.	Sharpsburg
Goff, Winifred Dell	Fresh.	Parkersburg, W. Va.
Goodall, Ruth Janet	Soph.	Greenspring
Gooley, Ferne	Soph.	New Holland
Goslin, Julia Anne	Special	Felicity
Graham, Guilbert Robertson	Fresh.	Spratt
Green, Mary Elizabeth	Soph.	Newark
Greisheimer, Ella O.	Special	Orient
Gross, Catherine Irene	Jun.	Athens
Grover, John Watt	Soph.	Athens
Guthrie, Leah Naomi	Soph.	Athens
Hachtel, Esther Clara	Fresh.	Dundee
Hackley, Mildred	Fresh.	Hamilton
Hagel, Marjorie Elizabeth	Jun.	Gypsum
Hagely, Marion Montrose	Soph.	Columbus
Hagely, Theresa Agnes	Soph.	Columbus
Hahn, Janice	Soph.	New Paris
Hall, Ada Bearl	Sen.	Nova
Hall, Anna Josephine	Fresh.	Linworth
Hamblin, Mabel R. G.	Special	Toledo
Hamill, Florence Mason	Fresh.	Hubbard
Hancock, Allie Mae	Soph.	Martinsburg
Handley, Cecil Worth	Jun.	Pedro
Hanning, Mary Wood	Special	Athens
Harder, Keith Cyril	Jun.	Wilkesville
Hare, Ada Marie	Sen.	Fincastle
Harner, Mary Olivia	Fresh.	Athens
Harris, Chloe Ernestine	Fresh.	Sharpsburg
Hartley, Hazel Ellen	Fresh.	McArthur
Hatfield, Mabel Pearle	Fresh.	Ellenboro, W. Va.
Haun, Ada Elvira	Soph.	Shelby
Hawkins, Helen Gertrude	Fresh.	Lima
Hedges, Leona May	Fresh.	Laurelville
Heinle, Anna Rosina	Soph.	Zanesville
Helrich, Gladys Marie	Special	Athens
Henderson, Eleanor Worstell	Fresh.	Jewett
Henderson, Lela Josephine	Fresh.	Fairpoint
Henkelman, Cora Elizabeth	Soph.	Bloomingsburg
Herrold, Celia Gay	Sen.	Nelsonville
Higbie, Una Dale	Soph.	Jenera
Higby, Margaret DeBois	Jun.	Chillicothe
Hill, Irma J.	Fresh.	Vincent

<i>Name</i>	<i>Rank</i>	<i>Address</i>
Hines, Alberta	Special	Woodsfield
Hines, Burnes Ellen	Soph.	Woodsfield
Hitchcock, Kathleen Jane	Special	Upper Sandusky
Holliday, Clara Ruth	Soph.	Ironton
Holmes, Mary Isabelle	Fresh.	Cadiz
Holtkamp, Flora Louise	Fresh.	Botkins
Hooper, Martha Marie	Fresh.	Athens
Hope, Elizabeth Racheal	Fresh.	Athens
Hope, S. Marie	Fresh.	Athens
Hopkins, Gladys Elma	Soph.	Chesterhill
Horsman, Rebecca Kathryn	Soph.	Highland
Hostetter, Jesse Marguerite	Fresh.	Parkersburg, W. Va.
Hover, Edith Minnie	Fresh.	Marion
Howard, Margaret Elizabeth	Fresh.	Seaman
Howland, David	Jun.	Markle, Ind.
Huddle, Helen Marie	Fresh.	Napoleon
Hughes, Charles C.	Sen.	Vinton
Hull, Elizabeth Louise	Special	Urbana
Hunter, Minnie Lucile	Special	Athens
Huston, Hurshell Gailen	Soph.	Amesville
Inmann, Elizabeth Elma	Jun.	Nelsonville
Jacobs, Opal Goldie	Special	Athens
Jenkins, Edna Cleo	Fresh.	South Zanesville
Jenkins, Gladys	Special	South Zanesville
John, Clarice Irene	Fresh.	Pickerington
Johnson, Margaret Elizabeth	Fresh.	Nelsonville
Jones, Dorothy Jane	Jun.	Coalton
Jones, Grace Bell	Fresh.	Vincent
Jones, Hazel Needham	Jun.	Athens
Jones, Leona Priscilla	Fresh.	Glouster
Justice, Audrey Belle	Fresh.	Beach City
Kasler, Gretchen Eileen	Soph.	Nelsonville
Keck, Wetha Irene Gay	Soph.	Fredericktown
Keller, Lillian Ferne	Soph.	Newark
Kelly, Roberta Gordon	Fresh.	Barlow
Kemp, Amma Dee	Jun.	Bridgeport
Kennard, Raymond Adrian	Soph.	Pennsville
Kennard, William Gus	Fresh.	Pennsville
Kenney, Esther Helen	Fresh.	Athens
Kessel, Dorcas Vivian	Fresh.	Wellsville
Kile, Ollie Lavina	Special	Galion
Kimmel, Mary Letticia	Fresh.	Eldorado
King, Angus Erwing	Soph.	Glenford
King, Edna Myrtle	Soph.	Staubenville
King, Elizabeth Jane	Special	McArthur
Kinsey, Olive Curby	Fresh.	Newcomerstown
Kirby, Zennette Bertha	Fresh.	Delaware
Kniesly, Esther Marie	Soph.	Gettysburg
Knight, Anita Marjorie	Special	Middleport

<i>Name</i>	<i>Rank</i>	<i>Address</i>
Knopp, Oren Dale	Special	Harrisonville
Krabill, Marie	Soph.	Napoleon
Kreider, Georgia Beatrice	Fresh.	Tarleton
Kubach, Walter	Fresh.	Sandusky
Kugler, Florence Helen	Fresh.	Bridgeport
Kuhlman, Araminta Ophelia	Fresh.	New Knoxville
Lacy, Frederic Jones	Fresh.	Belpre
Langfitt, Roy Emerson	Sen.	South Parkersburg, W. Va.
Larkin, Alice	Soph.	Hillsboro
Lasure, Kathryn Ford	Fresh.	Barlow
Lattau, Millie	Fresh.	Youngstown
Laughlin, Frances Elizabeth	Soph.	Nellie
Laverty, Helen Florence	Fresh.	Wellston
Law, Ruth Olivia	Soph.	Chauncey
Leach, Martha Jane	Fresh.	Mt. Sterling
Leech, Helen Rebecca	Soph.	Newcomerstown
Lemmon, Harriette	Fresh.	West Salem
Leonhart, Bernice Leota	Fresh.	Warwood, Wheeling, W. Va.
Lepley, Josephine Mildred	Soph.	Howard
LeVier, Ruby Dean	Fresh.	Gibsonburg
Lewis, Beatrice Marie	Soph.	Quaker City
Lewis, Mary Sara	Fresh.	Barnesville
Lewis, Neva Adele	Fresh.	Cleveland
Linscott, Fred O.	Sen.	Millfield
Linton, Grace	Jun.	Athens
Long, Ruth Frances	Fresh.	Conneaut
Lowmiller, Sarah Elizabeth	Soph.	Steubenville
Ludwick, Helen Corrinne	Jun.	Athens
Lukins, Nellie Olive	Soph.	Scio
Luther, Addie Ruth	Fresh.	Jacksonville
Lutz, Bernadine Elizabeth	Fresh.	Circleville
Lynch, Ocia Elizabeth	Fresh.	Parkersburg, W. Va.
Lynn, Edith Kyle	Soph.	Canfield
Lynn, Frances Juliette	Fresh.	Millersport
McCandlish, Alice Sarah	Fresh.	Bremen
McClure, William Hamilton	Special	Oak Hill
McCormick, Adah Howell	Fresh.	Athens
McCormick, Frances Irene	Soph.	Athens
McCormick, Lillian Emily	Jun.	Huron
McCowan, Beulah May	Fresh.	Huntington, W. Va.
McGee, Flora Inez	Jun.	Caldwell
McGrew, Cecil Gertrude	Fresh.	Cutler
McIlvaine, Ruth Eleanor	Fresh.	Creston
McIntire, Pearl Munson	Special	Cumberland
McKeny, Alice Elizabeth	Fresh.	St. Albans, W. Va.
McKeny, Nancy Holmes	Special	St. Albans, W. Va.
McKeny, Olive Ruth	Fresh.	St. Albans, W. Va.
McKinnie, Ruth	Fresh.	Delaware
McLaughlin, Ada Viola	Fresh.	Thornville

<i>Name</i>	<i>Rank</i>	<i>Address</i>
McNaghten, Mary Elizabeth	Sen.	Pleasantville
McQuigg, Anna Josephine	Soph.	Gratiot
McQuigg, Helen Mary	Soph.	Gratiot
Mace, Pearl Wauneta	Fresh.	Chillicothe
Mann, Julia Careta	Fresh.	Mt. Vernon
Martin, Earl Fletcher	Sen.	Seamen
Martin, Gladys Marie	Special	Marysville
Martin, Louesa Mary	Jun.	Athens
Mason, Josephine Lura	Fresh.	Bellaire
Matthewson, Mary Jane	Fresh.	Nelsonville
Mattox, Genevieve Lillian	Jun.	Marion
Maxwell, Rheta May	Jun.	Troy
Mechem, Thelma Theresa	Fresh.	Bethesda
Meighen, Audrey Ruth	Special	Athens
Merry, Iva	Soph.	Ostrander
Meyer, Estella Hazel	Fresh.	Warwood, Wheeling, W. Va.
Mickle, Herbert C.	Soph.	Washington C. H.
Miley, Wandau Florence	Fresh.	Rushville
Miller, Earle Augustus	Sen.	Athens
Miller, Edna Irene	Fresh.	Roxabel
Miller, James Franklin	Fresh.	Millersport
Miller, Leona	Jun.	Greenville
Miller, Ruth Alma	Soph.	Centerville
Miller, Sarah Martha	Soph.	Beallsville
Miller, Thelma D.	Fresh.	Hemlock
Milner, Garnete Julia	Jun.	Wellston
Montis, Eleanor Augusta	Fresh.	Mt. Vernon
Moore, Doris Gertrude	Fresh.	Bellaire
Moore, Eloise	Special	Spring Mountain
Moore, Mary Elizabeth	Sen.	Mason, W. Va.
Morel, Frieda Agnes	Fresh.	Williamsburg
Morel, Susie Caroline	Fresh.	Williamsburg
Morgan, Edna	Fresh.	Columbus
Morgan, Mabel Louetta	Fresh.	Cadiz
Moriarty, Frances Evalyn	Fresh.	Jackson
Morris, Marguerite Helen	Fresh.	Conneaut
Morris, Myrtle Helen	Fresh.	Amesville
Mowery, Helen Margaret	Special	Circleville
Muck, Erica Francile	Sen.	Lancaster
Mueller, Ila Lucinda	Soph.	Galion
Muldoon, Isabelle Dorothy	Special	New Philadelphia
Mulligan, Jennie Veronica	Special	Athens
Murphy, Lalah Martha	Fresh.	Bloomingsburg
Musson, Mabel Corrine	Soph.	Arcanum
Nesbit, John Eliot	Sen.	Albany
Newman, Harry Franklin	Sen.	Logan
Nicholson, J. Lillian	Soph.	Buffalo
Nihart, Westley Fay	Special	Athens
Norris, Lelia Maude	Soph.	West Lafayette

<i>Name</i>	<i>Rank</i>	<i>Address</i>
Nott, Garnet Ivada	Fresh.	Glouster
Nye, Earl Lemoyne	Fresh.	Athens
Nye, Mary Margaret	Fresh.	Lancaster
Ogan, Floy Rosamond	Soph.	Cumberland
Orndorf, Ruth Louise	Fresh.	New Straitsville
Overmyer, Frances Irene	Fresh.	Athens
Palmer, Gladys May	Soph.	Napoleon
Patton, Jeanette E.	Special	South Solon
Paul, Cora Nellie	Fresh.	Chillicothe
Peregoy, Carol DeEtte	Fresh.	Zanesville
Peters, Hester Anna	Fresh.	Byesville
Phillips, Edith Margaret	Soph.	Dover
Phillips, Leslie Dennis	Jun.	Beckett
Phillips, Marguerite Helen	Fresh.	Athens
Pickering, Eleanor Eliza	Soph.	St. Clairsville
Plummer, Virgie Ethel	Fresh.	Peebles
Polley, Jennie Elizabeth	Fresh.	Struthers
Pond, Janet Emmaletta	Sen.	Somerset
Pope, Vergil Edward	Fresh.	Wellston
Preston, Edna Browning	Sen.	Huntington, W. Va.
Proctor, Margaret Ann	Soph.	Canton
Purdy, Verna Eileen	Fresh.	Howard
Putnam, Harriett L.	Sen.	Athens
Quinn, Charles Matthew	Fresh.	Wilmington
Rabberman, Mary Fidelia	Special	Forest
Rannells, Louise	Fresh.	Wilmington
Ransdell, Eva Frances	Soph.	Athens
Reece, Eleanor Miller	Fresh.	Hamilton
Reed, Nora Belle	Soph.	Huntington, W. Va.
Reichelderfer, Mary Katheryn	Jun.	Tarleton
Resler, Cleo Virginia	Fresh.	Portsmouth
Rhonemus, Grace Esther	Soph.	Sabina
Richardson, Doorthy Eliza	Sen.	Athens
Richardson, Grace Vita	Fresh.	Shepard
Richardson, Mary	Sen.	Westville
Ricketts, Ray Bashford	Jun.	Sugar Grove
Ridenour, Margaret May	Sen.	New Lexington
Riley, Ellen Allan	Fresh.	Nelsonville
Robbins, Thelma Vatula	Fresh.	Wellston
Robinson, Nellie Murl	Special	Gallipolis
Rodewig, Margaret Ruth	Fresh.	Bellaire
Roe, Gratice Ellitherr	Special	Quaker City
Rogers, Helen Adelia	Fresh.	Conneaut
Rogers, Leona	Special	Clarksville
Ross, Martha Elizabeth	Special	Cadiz
Ross, Wilhelmina	Fresh.	Cutler
Rossman, Leon Frederick	Jun.	Chilo
Rothgeb, Roma Esther	Fresh.	Cheshire
Rowland, Sylvia Berneice	Fresh.	Roxbury

<i>Name</i>	<i>Rank</i>	<i>Address</i>
Rowley, Robert Bingham	Fresh.	Harrisonville
Rutherford, Frances Elizabeth	Fresh.	Steubenville
Salters, Helen Elizabeth	Fresh.	Athens
Sams, Lena Mae	Jun.	Huntsville
Sawyer, Margaret Beatrice	Jun.	Pleasantville
Schneider, Anna Mildred	Special	Coal Run
Scott, Allene P.	Fresh.	East Liverpool
Senft, Duane Fulton	Sen.	Danville
Sewell, Grace Belinda	Soph.	Outville
Sherman, Lelia Pearl	Fresh.	Athens
Sherman, Temperance M.	Special	Sciotoville
Shoemaker, Ethel	Soph.	Athens
Shreves, Naomi Lucile	Special	Lima
Shride, Dema Marguerite	Fresh.	Circleville
Simcox, Margaret Elizabeth	Fresh.	Hubbard
Simons, Mary Alice	Fresh.	Cumberland
Skidmore, Maude	Soph.	East Liberty
Smallwood, Donna Marie	Soph.	Hilliards
Smith, Carlton Ellsworth	Special	Logan
Smith, Clara Emma	Special	Martinsville
Smith, Frances Elizabeth	Jun.	Conneaut
Smith, Geneva Gladys	Fresh.	Marion
Smith, Guinevere	Fresh.	Canal Winchester
Smith, Mabel Marguerite	Fresh.	Mt. Vernon
Smith, William Andrew	Jun.	Roseville
Sours, Mary Florence	Fresh.	Bellefontaine
South, Earl B.	Jun.	Casstown
South, Hester Pauline	Soph.	Barberton
Sprague, Lenore Adaline, A. B.	Special	Chauncey
Stahler, Cleo Clitus	Fresh.	Sidney
Stalnaker, Wreta	Fresh.	Canton
Stansbury, Nellie Adelia	Fresh.	Rutland
Staver, Mae Elizabeth	Soph.	Canton
Stephenson, Mary Barton	Soph.	Ironton
Stewart, Lorena Margaret	Soph.	Leesburg
Stinchcomb, Judd Thomas	Sen.	Athens
Stoker, George Bryan	Special	Ashville
Stoops, Lee Leslie	Fresh.	Fayette
Strahl, Ruth Frances	Soph.	Athens
Strickland, Ferol Day	Jun.	Plain City
Sutliff, Emily Ruth	Soph.	Norwalk
Sutton, Gertrude Louise	Fresh.	Johnstown
Sutton, Verna Lucile	Soph.	Nitro, W. Va.
Swan, Mary Hazel	Special	Langsville
Swick, Lyman Homer	Special	Vinton
Tebay, Donna Virginia	Fresh.	Parkersburg, W. Va.
Thompson, Clarice Vera	Fresh.	Glouster
Thorne, Thelma Mae	Special	Wellston
Thrall, Faye Wilma	Fresh.	Bethesda

<i>Name</i>	<i>Rank</i>	<i>Address</i>
Toney, Lee Allen	Fresh.	North Kenova
Tritipo, Helen Louise	Soph.	Athens
Van Valey, Ethel Mary	Fresh.	Athens
Vickers, Mary	Special	Athens
Wagner, Lillie Frances	Soph.	Coal Run
Walden, Pauline Clara	Soph.	Sciotoville
Waldren, Katie	Fresh.	West Manchester
Walker, Elizabeth Lawson	Sen.	Hillsboro
Walker, Harriott Gertrude	Jun.	Athens
Wallace, Ernest Randolph	Fresh.	Waterford
Walter, Gladys Rosamond	Fresh.	Canton
Warfield, Silas Theophilus	Sen.	Somerton
Waterman, Ethel Louise	Fresh.	Georgetown
Waters, Margaret Erminnie	Soph.	Lancaster
Watkins, Gladys	Sen.	Chauncey
Watson, Marion Harold	Fresh.	Baltimore
Weaver, Mabel	Fresh.	Ashville
Weaver, Verna Katherine	Soph.	Marysville
Webster, Vera Jenison	Fresh.	Columbus
Weinstock, Clarence	Special	Marietta
Welch, Hannah Ellen	Soph.	Athens
Welch, Percy Preston	Soph.	Athens
Welsh, Martha Lovenia	Soph.	Carpenter
Welty, Grace Elizabeth	Fresh.	Bremen
Wharton, Edna Pearl	Fresh.	Chauncey
Wharton, Elma Ruth	Fresh.	Chauncey
Whitehart, Claribel	Soph.	Logan
Whitacre, Nina	Sen.	Graysville
White, Elma EsMinnie	Soph.	Athens
White, Janet Marie	Soph.	Laurelville
Wieteki, Florress Katherine	Soph.	Ironton
Wilcox, Osa Winifred	Fresh.	Carpenter
Wiley, Mildred Pauline	Fresh.	Jerusalem
Wilhelm, Elda Stone	Fresh.	Empire
Williams, Delbert Dewey	Sen.	Vinton
Williams, Hilda Belle	Soph.	Hamilton
Williams, Miriam Adeline	Soph.	Niles
Williamson, Edna Myrtle	Soph.	Athens
Wilson, Alice Catherine	Fresh.	Sugar Grove
Wilson, Margaret Marshall	Special	South Solon
Wingett, Finis Edna	Special	Pratts Fork
Winter, Hazel Marie	Soph.	Richmond, Va.
Wisehart, Marjory Parrett	Soph.	Frankfort
Wood, Janice	Fresh.	Rutland
Wood, Victoria Almeda	Fresh.	Albany
Woodmansee, Edna Adams	Fresh.	Highland
Woodrich, Rozella Margaret	Soph.	Oak Harbor
Woodruff, Mary Ann	Fresh.	Wellston
Woodruff, Myrtle	Jun.	Havana

<i>Name</i>	<i>Rank</i>	<i>Address</i>
Workman, Mary Gladys	Fresh.	The Plains
Yenney, Ella Margaret	Soph.	Piqua
Yoakem, Stella Jenks	Jun.	Butler
Zumbro, Carroll Denny	Soph.	Chesterhill

ENROLLMENT

SUMMARY—1919-1920

COLLEGE OF LIBERAL ARTS—

Seniors	60	
Juniors	69	
Sophomores	150	
Freshmen	238	
Special and Unclassified	137	
	<hr/>	654

STATE NORMAL COLLEGE—

Seniors	38	
Juniors	43	
Sophomores	128	
Freshmen	208	
Special and Unclassified	75	
	<hr/>	492

Total		1146
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Special Spring Term, 1919 (Total 793), counting only those not elsewhere enumerated.....	306	
Summer Term, 1919 (Total 1695), counting only those not elsewhere enumerated	1551	
Continuation Summer Term, 1919 (Total 388), counting only those not elsewhere enumerated.....	83	
University Extension (Total 1111), counting only those not elsewhere enumerated	937	
	<hr/>	
Grand Total		4023

TWO SEMESTERS (Men and Women)

1919-1920

COLLEGE OF LIBERAL ARTS—

Men	380	
Women	274	
	<hr/>	654

STATE NORMAL COLLEGE—

Men	73	
Women	419	
	<hr/>	492

Total		1146
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DISTRIBUTION BY STATES AND COUNTRIES

First and Second Semesters, 1919-1920

(Exclusive of Special Terms)

Arkansas	1
Colorado	1
Indiana	3
Kansas	1
Kentucky	1
Massachusetts	1
Nebraska	2
New York	6
North Carolina	1
Ohio	1064
Pennsylvania	5
Rhode Island	2
Virginia	1
West Virginia	51
Wyoming	1
Brazil	5
Total	1146

OHIO UNIVERSITY SUMMER SCHOOL

Record of Student Enrollment for 1919

States and Countries

District of Columbia	2
Illinois	1
Indiana	1
Kentucky	2
Maryland	1
Michigan	1
New York	2
Ohio	1610
Pennsylvania	3
Tennessee	1

West Virginia	69
China	1
Total	1694
Men, 255; Women, 1439; Total, 1694.	

CONTINUATION SUMMER SCHOOL**August 4, 1919–September 5, 1919***(Five weeks of six days each)***Student Enrollment**

Ohio	375
West Virginia	7
Indiana	2
New York	1
Russia	1
Total	386
Men, 94; Women, 292; Total, 386.	

GENERAL INDEX

	<i>Page</i>
Admission to the Freshman Class.....	21
Apparatus	37
Buildings	18
Calendar	2 and 3
Certificates, Entrance by	23
College of Liberal Arts—	
Courses of Study	41
Bachelor of Arts, and the Four Groups.....	42
A. B. in Music	47
A. B. with Commercial Studies	46
A. B. in Personal Testing	43
Graduation, Requirements for	42
Departments—	
Biology and Geology	67
Chemistry	74
Drawing and Painting	101
Economics and Sociology	78
English Language and Literature	49
French	79
German	80
Greek	51
History	77
Latin	52
Mathematics and Civil Engineering	54 and 56
Medical Sciences	71
Physics and Electrical Engineering	61
Public Speaking	102
Spanish	80
Commerce, School of	82
Degrees	25
Degrees and Diplomas given in 1919.....	166
Deposits	29

	<i>Page</i>
Discipline-Opportunity	27
Dormitories	32
Expenses	31
Extension Department	20
Faculty	5
Fees	29
Grading	27
Lectures and Entertainments	175
Library	37
Literary Societies	35
Loan Fund—	
Alumni Loan Fund	33
Woman's League Fund	33
Location of the University	17
Museum	39
Music	92
Normal College—	
Courses of Study—	
For Teachers of Rural Schools	164
For Elementary Teachers	155
For Degree of B. S. in Education.....	149
For Degree of B. S. in Education in Music.....	157
For Degree of B. S. in Education in Commerce.....	159
For Degree of B. S. in Education in Agriculture.....	163
Drawing Teacher's Course	160
Diploma Course in Agriculture	163
Diploma Course in Public School Music	158
Diploma Course in Home Economics	162
Diploma Course in Kindergarten	161
Diploma Course in Manual Training	161
Agriculture	135
Art Department	129
Art of Teaching	121
Civic Biology and Botany	134
English	133
Geography	139
History of Education	119

	<i>Page</i>
History and Government	139
Home Economics	143
John Hancock High School	124
Kindergarten	141
Life Certificates	117
Manual Training	146
Mathematics	128
Music, Public School	131
Paidology and Psychology	125
Primary Methods	124
Rural Education	137
School Administration	118
Origin of Ohio University	113
Physical Education	39 and 107
 Prizes—	
Brown Prize in Oratory	35
Chi Omega Prize in Economics	36
Emerson Prize in Poetry	35
 Registration—	
Days for	24
Helps to	24
Religious Influences	34
Rhodes Scholarships	36
Self Help	32
Students, List of	176
Summary of Attendance	201
Summer School	20
Trustees, Board of	2 of cover
Units, Table of Recognized	22
Young Peoples' Christian Association	34